



**NAVY TRAINING SYSTEM PLAN  
FOR THE  
AH-1W AIRCRAFT**

**N78-NTSP-A-50-8520E/D**

**APRIL 2003**

## AH-1W AIRCRAFT

### EXECUTIVE SUMMARY

The mission of the AH-1W Aircraft is to provide close-in fire support coordination in serial and ground support, armed escort protection for helicopters carrying personnel and cargo, landing zone fire suppression support, visual armed reconnaissance, target marking and direction for high-performance attack aircraft, convoy escort and fire suppression for ground units, operation from air capable ships, point target attack of threatening armor, and self-defense and protection of helicopters carrying personnel and cargo from threatening air-to-air weapon equipped helicopters. The United States Marine Corps Aviation Plan requires the H-1 Aircraft to operate through Fiscal Year (FY) 2020. The AH-1W Aircraft requires a mid-life upgrade to meet the Marine Air-Ground Task Force Master Plan warfighting requirements until the next generation aircraft is fielded. Currently, the AH-1Z and UH-1Y Aircraft are undergoing Engineering Manufacturing Development testing at NAVAIR Patuxent River. These aircraft are an upgraded, remanufactured version of the current AH-1W and UH-1N Aircraft. This Navy Training System Plan (NTSP) only addresses the AH-1W Aircraft.

The AH-1W Aircraft Initial Operating Capability was achieved in FY85. The AH-1W Aircraft is in the Operations and Support Phase of the Defense Acquisition System.

AH-1W Aircraft upgrades and modifications since the last version of this NTSP include: AN/APR-39A(V)2 Radar Signal Detecting Set, Improved Crew Restraint System, Communication and Navigation Upgrade Operation Flight Program, and Tube-Launched Optically Tracked Wire-Guided II Night Targeting System.

The AH-1W Aircraft are operated by Marine Light Attack Helicopter (HMLA) squadrons and supported by Marine Aircraft Logistics Squadrons. HMLA squadrons consist of 18 AH-1W and nine UH-1N Aircraft, and deploy in detachments consisting of six AH-1W and three UH-1N Aircraft.

The maintenance concept for the AH-1W Aircraft remains unchanged, and reflects the three-level (organizational, intermediate, and depot) plan promulgated in the Naval Aviation Maintenance Program, Office of Naval Operations Instruction 4790.2 series.

Marine Corps Pilots designated with Military Occupational Specialty (MOS) 7565 operate the AH-1W Aircraft, and operator training is provided by the Fleet Readiness Squadron, Marine Helicopter Training Squadron (HMT) 303, located at Marine Corps Air Station (MCAS) Camp Pendleton, California.

Marine Corps enlisted personnel with various MOSSs perform AH-1W Aircraft maintenance, and training is provided by Naval Aviation Maintenance Training Marine Unit at MCAS Camp Pendleton.

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**LIST OF ACRONYMS**

ACDU	Active Duty
AFC	Airframe Change
AFCS	Automatic Flight Control System
AMTCS	Aviation Maintenance Training Continuum System
ANDVT	Advanced Narrowband Digital Voice Terminal
ANVIS	Aviators Night Vision Imaging System
AO	Aviation Ordnanceman
AOB	Average Onboard
APT	Aircrew Procedures Trainer
AR	Active Reserve
AVT	Avionics Trainer
BIT	Built-In Test
CDNU	Control Display Navigation Unit
CFY	Current Fiscal Year
CIN	Course Identification Number
CMC	Commandant of the Marine Corps
CMT	Composite Maintenance Trainer
CNO	Chief of Naval Operations
COMLANTFLT	Commander in Chief, Atlantic Fleet
COMM/NAV	Communication and Navigation
COMPACFLT	Commander in Chief, Pacific Fleet
EAT	Electrical/Armament Trainer
ERRT	Engine Remove/Replace Trainer
ESM	Electronic Support Measures
EW	Electronic Warfare
FLIR	Forward Looking Infrared
FMS	Foreign Military Sales
FRS	Fleet Readiness Squadron
FY	Fiscal Year
GFE	Government Furnished Equipment
GPETE	General Purpose Electronic Test Equipment
GPTE	General Purpose Test Equipment
HMLA	Marine Light Attack Helicopter
HMT	Marine Helicopter Training Squadron
HMX	Marine Helicopter Squadron

## LIST OF ACRONYMS

HUD	Head-Up Display
ICW	Interactive Courseware
IFF	Identification Friend or Foe
IMC	Integrated Maintenance Concept
IOS	Instructor Operator Station
ISEO	In-Service Engineering Office
LDS	Laser Detecting Set
LWS	Laser Warning System
MAG	Marine Aircraft Group
MALS	Marine Aircraft Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MAW	Marine Air Wing
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MDL	Mission Data Loader
MOS	Military Occupational Specialty
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
MWS	Missile Warning System
NA	Not Applicable
NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NARCADS	Navy Armament and Control Delivery System
NAS	Naval Air Station
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIR	Naval Air Systems Command
NAVPERSCOM	Navy Personnel Command
NETC	Naval Education and Training Command
NTS	Night Targeting System
NTSP	Navy Training System Plan
OFP	Operational Flight Program
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
OTW	Out-The-Window

**LIST OF ACRONYMS**

PDA	Principal Development Activity
PFY	Previous Fiscal Year
PMA	Program Manager, Air
PMOS	Primary Military Occupational Specialty
RFT	Ready For Training
SCAS	Stability Control Augmentation System
SDLM	Standard Depot Level Maintenance
SE	Support Equipment
SELRES	Selected Reserves
SMCR	Selected Marine Corps Reserve
SMOS	Secondary Military Occupational Specialty
SPETE	Special Purpose Electronic Test Equipment
SPTE	Special Purpose Test Equipment
SRA	Shop Replaceable Assembly
ST	Special Tool
TACAN	Tactical Air Communication and Navigation
TD	Training Device
TFS	Total Force Structure
THCDP	Tow Hellfire Control Display Panel
T/O	Table of Organization
TOW	Tube-Launched Optically Tracked Wire-Guided
TSA	Training Support Activity
TTE	Technical Training Equipment
UIC	Unit Identification Code
USMC	United States Marine Corps
VMAT	Fixed Wing Marine Attack Training Squadron
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

## PREFACE

This Draft Navy Training System Plan (NTSP) for the AH-1W Cobra Aircraft, from here on to be referred to as the AH-1W Aircraft, has been updated to comply with guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97. This Draft NTSP has been developed to update the Approved AH-1W Aircraft Navy Training Plan A-50-8520D, dated February 1996. Specific changes include:

- Updated AH-1W Aircraft modifications and upgrades
- Updated AH-1W Aircraft manpower
- Updated AH-1W Aircraft Training Device (TD) information
- Updated AH-1W Aircraft Points of Contact

## PART I - TECHNICAL PROGRAM DATA

### A. NOMENCLATURE-TITLE-PROGRAM

- 1. Nomenclature-Title-Acronym.** AH-1W Aircraft
- 2. Program Element.** 0603266N

### B. SECURITY CLASSIFICATION

- 1. System Characteristics .....** Unclassified
- 2. Capabilities .....** Unclassified
- 3. Functions.....** Unclassified

### C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor .....	CNO (N780F4)
OPO Resource Sponsor.....	CNO (N785D1)
Marine Corps Program Sponsor .....	CMC (APW-53)
Developing Agency .....	NAVAIR (PMA276)
Training Agency .....	COMLANTFLT COMPACFLT NETC MCCDC (C473)
Training Support Agency.....	NAVAIR (PMA205)
Manpower and Personnel Mission Sponsor.....	CNO (N12) NAVPERSCOM (PERS-4, PERS-404) CMC (ASM-1, ASL-33)
Director Naval Education and Training.....	CNO (N00T)
Marine Corps Force Structure.....	MCCDC (C53) CMC (ASM-1)

### D. SYSTEM DESCRIPTION

- 1. Operational Uses.** The AH-1W Aircraft is the United States Marines Corps' (USMC) only attack helicopter. The mission of the AH-1W Aircraft is to provide close-in fire support coordination in serial and ground support, armed escort protection for helicopters carrying

personnel and cargo, landing zone fire suppression support, visual armed reconnaissance, target marking and direction for high-performance attack aircraft, convoy escort and fire suppression for ground units, operation from air capable ships, point target attack of threatening armor, and self-defense and protection of helicopters carrying personnel and cargo from threatening air-to-air weapon equipped helicopters.

The AH-1W Aircraft requires a comprehensive upgrade to effectively meet the Marine Corps attack helicopter and Marine Air-Ground Task Force warfighting requirements through Fiscal Year (FY) 2020. Currently, there are no non-material alternatives that will satisfy this requirement. The requirement for an AH-1W Aircraft Mid-Life Upgrade was validated by an Operational Requirements Document, and approved by the Assistant Commandant of the Marine Corps in April 1994.

**2. Foreign Military Sales.** Currently, AH-1W Aircraft Foreign Military Sales (FMS) customers include Taiwan and Turkey. For further information contact Program Manager, Air (PMA) 276.

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** Currently, there are no AH-1W Aircraft systems or equipment undergoing Developmental Test or Operational Test. For further details refer to the H-1 Upgrades Program, NTSP A-50-9602A/A.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The following AH-1W Aircraft systems are currently being modified or completed modification since the last approved NTSP (February 1996).

- **AN/APR-39A(V)2 Radar Signal Detecting Set.** Only 77 AH-1W Aircraft are scheduled to incorporate Airframe Change (AFC) 230 Electronic Warfare (EW) Suite, 27 modifications. AFC-230 is scheduled to be completed June 2003.
- **Improved Crew Restraint System.** AFC-345 modifications for improved aircrew restraints began in January 2003, and will be completed in December 2003.
- **COBRA Communication and Navigation Upgrade Operation Flight Program.** The COBRA 1.1 Software Set Communication/Navigation (COMM/NAV) upgrade is complete.
- **Tube-Launched Optically Tracked Wire-Guided II and Night Targeting System.** The Tube-Launched Optically Tracked Wire-Guided II (TOW) II Night Targeting System (NTS) upgrade is complete.
- **Infrared Strip Lights/Beacon Ring.** The Infrared Lights and Beacon Ring modification is complete.

## G. DESCRIPTION OF NEW DEVELOPMENT

### 1. Functional Description

**a. AN/APR-39A(V)2 Radar Signal Detecting Set.** The AN/APR-39 Digital Threat Warning System monitors the environment for pulsed radar signals, characterizes and identifies them, and alerts the crew to the existence of emitters. AFC-230 AN/APR-39A(V)2 Radar Signal Detection System replaced the AN/APR-39(V)1 to complete the EW Suite of the AN/AVR-2 Laser Warning System (LWS) and AN/AAR-47 Missile Warning System (MWS). AFC-230 Revision A corrected previous deficiencies and eliminated the AN/AVR-2 Laser Detector Set (LDS).

**b. Improved Crew Restraint System.** AFC-345 will replace the existing restraint system with an improved three-axis MA-16 Inertia Reel Locking and Five-Point Restraint System.

**c. COBRA Communication and Navigation Upgrade Operation Flight Program.** The COBRA 1.1 Software Set COMM/NAV Operation Flight Program (OFP) upgraded the COBRA 1-A Software Set. The system improved Built-In-Test (BIT) capability and maintenance functions, navigation, and corrected several Software Trouble Reports. The COMM/NAV upgrade also included a modification to the AN/ASQ-215 Digital Data Set.

**d. Tube-Launched Optically Tracked Wire-Guided II and Night Targeting System Compatibility.** The TOW II and NTS modified the NTS Missile Command Amplifier and Processor Electronics Box and improved the TOW II Missile System performance and accuracy.

**e. Infrared Strip Lights/Beacon Ring.** This AH-1W Aircraft modification added multiple Infrared Strip Lights around the airframe and under the existing anti-collision beacon to improve aircraft visibility. It also improved aircrew situational awareness for personnel in the operations area operating Night Vision Devices.

### 2. Physical Description.

The AH-1W Aircraft physical description is as follows:

Rotor Diameter.....	48 feet
Tail Rotor .....	9 feet 9 inches
Wing Span.....	10 feet 9 inches
Height.....	13 feet 7 inches
Length .....	58 feet
Speed.....	147 knots
Range .....	256 nautical miles
Ceiling.....	18,700 feet
Empty Weight .....	10,920 pounds
Maximum Gross Weight.....	14,750 pounds
Maximum Useful Load .....	3,828 pounds
Internal Fuel.....	2,086 pounds

Endurance .....	2.8 hours
Maximum Gs .....	+2.5

**3. New Development Introduction.** In 1985 the AH-1T Aircraft began the upgrade to the AH-1W Aircraft. Currently, AH-1W Aircraft assets are comprised of a mixture of new production AH-1W Aircraft and aircraft block upgrade AH-1T Aircraft remanufactured into the AH-1W Aircraft. The Marine Corps plans to upgrade 180 AH-1W Aircraft.

**4. Significant Interfaces.** Not Applicable (NA)

**5. New Features, Configurations, or Material.** The AH-1W Aircraft systems are provided in the following table.

<b>AH-1W AIRCRAFT SYSTEMS</b>	
<b>Communications</b>	
Internal Communication System	C-10414() ARC C-11746A/(V)4
Ultra High Frequency/Very High Frequency	AN/ARC-210(V) RT-1556B
Secure Voice	TSEC/KY-58
Identification Friend or Foe (IFF) Transponder	RT-1558/APX-100(V)
Secure IFF	KIT-1C/TSEC
<b>Navigation</b>	
Tactical Air Communication and Navigation (TACAN)	RT-1798 AN/ARN-153(V)4
Direction Finder	DF-301E
Inertial Navigation System	AN/ASN-178(V)3
Global Positioning System	AN/ASN-178(V)3
Radar Altimeter	AN/APN-194(V)
<b>Flight Instruments</b>	
Vertical Gyro	CN-1314
Encoder Altimeter	AAU-32/A1

<b>AH-1W AIRCRAFT SYSTEMS</b>	
<b>Aircraft Survivability</b>	
Electronic Support Measures (ESM) - Countermeasures Dispensing	AN/ALE-39
ESM - Radar Signal	AN/APR-39A(V)2
ESM - Radar Warning	AN/APR-44(V)3 *See Note 1
ESM - LWS	AN/AVR-2
ESM - Jammer	AN/ALQ-144/A
ESM - MWS	AN/AAR-47 *See Note 2
<b>Infrared Sensor</b>	
Forward Looking Infrared (FLIR)	AN/AWS-1 NTS
<b>Displays/Controls</b>	
Head-Up Display (HUD)	Day: HUD Night: HUD plus Aviators Night Vision Imaging System (ANVIS)
Cockpit Display	Control Display Navigation Unit (CDNU)
Multifunction Display	NTS/Cockpit Canopy
<b>Miscellaneous</b>	
Converter	ICU-800 CP-1913 ICU-800-1 CP-1914
Digital Data Loader	AN/ASQ-215
OFP	COBRA 1.1

<b>AH-1W AIRCRAFT SYSTEMS</b>	
<b>Weapon Control</b>	
Armament Control	Tow Hellfire Control Display Panel (THCDP)
Sight System	Helmet Sight System
Gun Turret System	A/A49-7(V)4
Hellfire Missile System	AGM-114 Hellfire Missile with M272 Launcher
TOW Missile System	BGM-71 Series Missile
AIM-9/122 Missile System	AIM-9/122A Missile System with LAU-7 Launcher and ADU-299 Series Missile Launcher Adapter
Stores Management System	(1) Navy Armament and Control Delivery System (NARCADS) (2) THCDP
Machine Gun	M-197
Rockets (2.75 inch)	Uses LAU-61/68 Launchers
Rockets (5.00 inch)	Uses LAU-10 Launchers

**Note 1:** Not installed when AN/APR-39A(V)2 is installed.

**Note 2:** Currently, only a maximum of 77 AH-1W Aircraft are planned to receive AFC-230 EW Suite. All remaining installs will take place during remanufacture.

## H. CONCEPTS

**1. Operational Concept.** The AH-1W Aircraft contains two seats, and is flown by Marine Corps Pilots with Military Occupational Specialty (MOS) 7565 attached to Marine Light Attack Helicopter (HMLA) squadrons. HMLA squadrons consist of 18 AH-1W and nine UH-1N Helicopters, and are deployed in detachments consisting of six AH-1W and three UH-1N Helicopters. Marine Aviation Logistics Squadrons (MALS) and Reserve MALS units provide HMLA squadron support. Marine Helicopter Squadron (HMX) 1 located at Marine Corps Air Station (MCAS) Quantico also utilizes AH-1W Aircraft.

**2. Maintenance Concept.** The maintenance concept for the AH-1W Aircraft is based on three levels of maintenance: organizational, intermediate, and depot as stated in the Naval Aviation Maintenance Program, Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2 (series).

**a. Organizational.** AH-1W Aircraft organizational maintenance is performed by USMC enlisted personnel. These actions include inspections, servicing, handling, fault isolation, removal and replacement of Weapon Replaceable Assemblies (WRA), and on-aircraft repairs. BIT equipment is used to the maximum extent.

**(1) Preventive Maintenance.** AH-1W Aircraft preventive maintenance is the care and servicing needed to maintain AH-1W Aircraft equipment, and Support Equipment (SE) in satisfactory operating condition. These actions are accomplished at specific intervals per established procedures outlined by Maintenance Requirement Cards.

**(2) Corrective Maintenance.** Corrective maintenance is the set of actions needed to maintain the AH-1W Aircraft equipment and SE to improve, change, or restore their capability to perform specific missions or functions by removal, replacement, addition, alteration, or repair of parts, equipment, or aircraft. AH-1W Aircraft corrective maintenance includes, but is not limited to, modification, repair, and unscheduled inspections, replacement, or testing. AH-1W Aircraft corrective maintenance procedures encompass aircraft repair, and the replacement of WRAs determined as faulty by use of BIT or procedural troubleshooting.

**b. Intermediate.** AH-1W Aircraft intermediate level maintenance is performed by MALS designated for AH-1W Aircraft support of Marine Aircraft Groups (MAG). Maintenance at the intermediate level is conducted per specific instructions contained in the maintenance instruction manuals for each AH-1W Aircraft system. Intermediate level maintenance consists of repair, test, and calibration of WRAs, Shop Replacement Assemblies (SRA), and SE.

## INTERMEDIATE LEVEL AUTOMATIC TEST EQUIPMENT

<b>SYSTEM</b>	<b>TEST EQUIPMENT</b>
AN/ARC-182 Very High Frequency (VHF)/ Ultra-High Frequency (UHF) Radio	AN/ARM-200, TS4110, or TG-8300 Test Sets
AN/APX-100(V) Information Friend or Foe (IFF) Transponder	AN/APM-305 IFF Radar Test Set, AN/APM-239 IFF Radar Test Set, AN/APM-378 IFF Radar Test Set, AN/APM-421 IFF Radar Test Set

SYSTEM	TEST EQUIPMENT
AN/ARN-118 NAV Receiver (TACAN)	Test, check, and repair using the 622-1789-001, 972V Test Set
	Test, check, and repair using the 8000000066, AN/ARM-156 Test Set
AN/APN-154 ()(V) Radio NAV Aid	AN/APM-231, AN/APM-455
AN/ALE-39 Chaff Dispenser	AN/USM-392/ALM-164
AN/APR-39(V)2 Radar Signal Detecting Set	AN/APM-415 Processor Test Set
AN/APN-194(V) Radar Altimeter	AN/APM-347 Altitude Test Set

**c. Depot.** AH-1W Aircraft depot level maintenance consists of major overhaul or complete rebuilding, manufacture, or modification of parts, assemblies, subassemblies, and end items that are beyond the capabilities of the intermediate maintenance level activity. The primary depot is the Corpus Christi Army Depot, Corpus Christi, Texas.

**d. Interim Maintenance.** Currently, interim maintenance is not required for the AH-1W Aircraft. However, the prime contractor is available to provide technical assistance and logistics support.

**e. Life Cycle Maintenance Plan.** The AH-1W Aircraft no longer utilizes the Standard Depot Level Maintenance (SDLM) process. The SDLM concept for the AH-1W Aircraft was replaced with the Integrated Maintenance Concept (IMC). Under the IMC concept AH-1W Aircraft are out-of-service approximately 12-16 weeks every eight years. AH-1W Aircraft are inducted every 26-months at one of four IMC locations:

- MCAS Futenma, Japan
- MCAS Camp Pendleton
- Corpus Christi Army Depot
- MCAS Cherry Point

**3. Manning Concept.** Qualitative and quantitative manpower requirements for the AH-1W Aircraft are driven by total preventative and corrective maintenance requirements and the Required Operational Capabilities/Projected Operational Environment. The current AH-1W Aircraft manpower requirements are contained in HMLA Tables of Organization (T/O). The following table depicts HMLA squadrons, MALS, and each applicable T/O.

ACTIVITY	T/O
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ACTIVITY	T/O
HMLA Squadrons (18 AH-1W/9 UH-1N)	8970
HMLA-775 MCAS Camp Pendleton	8970A
HMLA-775 MCAS Belle Chase	8970B
HMLA-773 NAS Atlanta	8970C
HMLA-775 NAS Johnstown	8970D
MALS Rotary Wing	8910
MALS-42 MCAS Marietta	8910A
MALS-49 MCAS Fort Stewart	8910B
HMX-1 MCAS Quantico	8990
Marine Helicopter Training Squadron (HMT) 303 MCAS Camp Pendleton	8590

**4. Training Concept.** AH-1W Aircraft aircrew training is dictated by Marine Corps Order P3500.16C, Aviation Training and Readiness Manual. Formerly, schoolhouse manpower requirements were found in T/O 8582 (HMT-303 Fleet Replacement Enlisted Skills Training); however, manpower requirements were separated and renamed Naval Aviation Maintenance Training Marine Unit (NAMTRA MARUNIT) T/O 8596.

The established training concept for most aviation maintenance training divides “A” School courses into two or more segments called Core and Strand. The “C” School courses are, Career training courses. “A” School Core courses include general knowledge and skills training for the particular basic MOS, while “A” School Strand courses focus on the more specialized training requirements for that MOS. Strand training immediately follows Core training and is part of the “A” School. Marine Corps graduates of Core and Strand “A” school attend the appropriate Career “C” School for additional training on a specific type of aircraft or equipment, and to enhance skills and knowledge within their field. Marine Corps graduates from “C” School receive their primary MOS.

**a. Initial Training.** All AH-1W Aircraft initial training was completed by 1994.

**b. Follow-on Training**

**(1) Operator.** AH-1W Aircraft aircrew receive AH-1W Aircraft familiarization, ground training, and approximately sixty percent of their training at the Fleet Readiness Squadron (FRS), HMT-303, MCAS Camp Pendleton, then continue on to their permanent squadrons to complete combat and qualifications training. Marine Corps aircrew training for the AH-1W does not have pipeline numbers assigned. For tracking purposes NA1 through NA4 are assigned to Marine Corps aircrew training courses in this NTSP.

**Title..... AH-1 Fleet Replacement Basic and Transition Pilot  
Category I and II Pipeline**

CIN..... NA1

Model Manager... HMT-303

Description ..... This pipeline provides training to the first tour or transition AH-1 Pilot, including:

- AH-1 Familiarization
- AH-1 NTS/Laser/FLIR Theory
- AH-1 Combat Capability
- Crew Tactics and Safety
- COMM/NAV
- Naval Air Training and Operating Procedures Standardization (NATOPS)

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment under limited supervision.

Location ..... HMT-303, MCAS Camp Pendleton

Length ..... 152 days

RFT date..... Currently available

Skill identifier .... MOS 7565

TTE/TD .....  
◦ Weapon System Trainer (WST) 2F136  
◦ Aircrew Procedures Trainer (APT) 2F170

Prerequisite..... Graduate of Naval Flight School

**Title..... AH-1 Conversion Pilot**

CIN..... NA2

Model Manager... HMT-303

Description ..... This pipeline provides training to the conversion AH-1 Pilot, including:

- AH-1 Familiarization
- AH-1 NTS/Laser/FLIR Theory
- AH-1 Combat Capability
- Crew Tactics and Safety
- COMM/NAV
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment under limited supervision.

Location ..... HMT-303, MCAS Camp Pendleton

Length ..... 110 days

RFT date..... Currently available

Skill identifier .... MOS 7565

TTE/TD ..... ◦ WST 2F136  
◦ APT 2F170

Prerequisite..... Graduate of Naval Flight School

**Title..... AH-1 Fleet Replacement Refresher Pilot Category III**

CIN..... NA3

Model Manager... HMT-303

Description ..... This pipeline provides refresher training to the AH-1 Pilot, including:

- AH-1 Familiarization
- AH-1 NTS/Laser/FLIR Theory
- AH-1 Combat Capability
- Crew Tactics and Safety
- COMM/NAV
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment under limited supervision.

Location ..... HMT-303, MCAS Camp Pendleton  
Length ..... 54 days  
RFT date..... Currently available  
Skill identifier .... MOS 7565  
TTE/TD .....

- WST 2F136
- APT 2F170

Prerequisites .....

- Graduate of Naval Flight School
- AH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title..... AH-1 FRS Instructor Pilot**  
CIN..... NA4  
Model Manager ... HMT-303  
Description ..... This pipeline provides training to the AH-1 Instructor Pilot, including:

- Instructional Techniques
- Flight Training
- Crew Tactics and Safety
- Instructor Pilot Flight Training
- COMM/NAV
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Instructor Pilot in a training squadron environment under limited supervision.  
Location ..... HMT-303, MCAS Camp Pendleton  
Length ..... 28 days  
RFT date..... Currently available  
Skill identifier .... MOS 7565  
TTE/TD .....

- WST 2F136
- APT 2F170

Prerequisites .....

- Graduate of Naval Flight School
- AH-1 Fleet Replacement Pilot Category I/II Pipeline

**(2) Maintenance**

**(a) Organizational.** AH-1W Aircraft follow-on training for organizational level maintenance is provided by NAMTRA MARUNIT at MCAS Camp Pendleton.

**Title..... H-1 Communication Navigation Identification System Maintenance**

CIN ..... M-102-2024

Model Manager ... NAMTRA MARUNIT

Description ..... This track provides training to the Electronics Technician, including:

- H-1 Communication, Navigation, and Identification System Maintenance
- H-1 Electrical and Stability Control Augmentation System (SCAS) Maintenance
- AH-1W TOW/Hellfire Control and Display System Maintenance
- H-1 Wire Bundle Repair Maintenance
- AH-1W NTS and Navigational Thermal Imaging System Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as a H-1 Aircraft Communications / Navigation / Electrical / Weapons Systems Technician in a squadron environment under limited supervision.

Location ..... NAMTRA MARUNIT, MCAS Camp Pendleton

Length ..... 114 days

RFT date ..... Currently available

Skill identifier .... MOS 6324

TTE/TD ..... 

- AH-1W Composite Maintenance Trainer (CMT) 410101 and 111101
- UH-1N CMT 310101 and 110201
- UH-1N Electrical/Armament Trainer (EAT) 142301

Prerequisites ..... 

- C-100-2018, Avionics Technician Organizational Level Class A1
- C-100-2020, Avionics Common Core Class A1

**Title.....** **AH-1W and UH-1N Power Plants, Power Trains, and Rotors Maintenance**

**CIN.....** M-601-2014

**Model Manager ...** NAMTRA MARUNIT

**Description .....** This track provides training to the Helicopter Mechanic, including:

- AH-1W Power Trains, Rotors, and Related System Maintenance
- UH-1N Power Trains, Rotors and Related System Maintenance
- H-1 Combined Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an AH-1W Helicopter Mechanic in a squadron environment under limited supervision.

**Location .....** NAMTRA MARUNIT, MCAS Camp Pendleton

**Length .....** 60 days

**RFT date.....** Currently available

**Skill identifier ....** MOS 6114

**TTE/TD .....**

- AH-1W CMT 410101 and 111101
- UH-1N CMT 110201 and 310101
- Engine Remove/Replace Trainer (ERRT)

**Prerequisites .....**

- C-601-2011, Aviation Machinist's Mate Common Core Class A1
- C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

**Title.....** **Helicopter Airframe Mechanic A/UH-1**

**CIN.....** M-602-2081

**Model Manager ...** NAMTRA MARUNIT

**Description .....** This track provides training to the Helicopter Airframe Mechanic, including:

- H-1 Airframes Systems
- AH-1W and UH-1N Hydraulic System Maintenance
- SCAS Maintenance
- Stubwing, Tailboom, and Elevator System Maintenance
- AH-1W Canopy System Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an A/UH-1 Helicopter Airframe Mechanic in a squadron environment under limited supervision.

**Location .....** NAMTRA MARUNIT, MCAS Camp Pendleton

**Length .....** 30 days

**RFT date.....** Currently available

**Skill identifier ....** MOS 6154

**TTE/TD .....**

- AH-1W CMT 410101 and 111101
- UH-1N CMT 310101 and 110201
- ERRT 222101
- UH-1N Avionics Trainer (AVT) 142401

**Prerequisites .....**

- C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Class A1
- C-603-0176, Aviation Structural Mechanic Organizational Level Strand

Title..... **Rotary Wing (H-1/CH-46/CH-53) Armament Systems Maintenance**

CIN..... M-646-2044

Model Manager ... NAMTRA MARUNIT

Description ..... This course provides training to the Aircraft Ordnance Technician, including:

- AH-1W Armament Repair System Maintenance
- AH-1W turret/M197/M89/20MM Feed System Maintenance
- UH-1N Armament System Maintenance
- H-1 Conventional Weapons Loading Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as a H-1 Aircraft Ordnance Technician in a squadron environment under limited supervision.

Location ..... NAMTRA MARUNIT, MCAS Camp Pendleton

Length ..... 54 days

RFT date ..... Currently available

Skill identifier ..... MOS 6531

TTE/TD ..... ◦ EAT 142301  
◦ AH-1W CMT 410101 and 111101  
◦ UH-1N CMT 310101 and 110201

Prerequisites ..... ◦ C-646-2011, Aviation Ordnanceman Class A1  
◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

**(a) Intermediate.** AH-1W Aircraft intermediate level maintenance follow-on training is listed below.

Title.....	<b>Cryptographic Equipment Intermediate Maintenance</b>
CIN.....	D/E-102-6122
Model Manager ...	Maintenance Training Unit (MTU) 1039
Description .....	This course provides training to the electronics technician, including: <ul style="list-style-type: none"><li>° TSEC/KI-1C Maintenance</li><li>° TSEC/KY-58 Maintenance</li><li>° AN/USC-43(V) Advanced Narrowband Digital Voice Terminal (ANDVT)</li><li>° Publications and Safety Procedures</li></ul>
	Upon completion, the student will be able to perform as a cryptographic equipment technician in a shop environment under limited supervision.
Locations .....	<ul style="list-style-type: none"><li>° MTU 1039 Naval Air Maintenance Training Unit (NAMTRAU) Oceana</li><li>° MTU 1038 NAMTRAU Lemoore</li></ul>
Length .....	22 days
RFT date.....	Currently available
Skill identifier ....	AT 6634
TTE/TD .....	<ul style="list-style-type: none"><li>° KI-1C</li><li>° KY-58</li><li>° ANDVT equipment</li><li>° TSEC/KG-40A</li><li>° Cryptographic Unit</li></ul>
Prerequisite.....	C-100-2017, Avionics Technician Intermediate Level Class A1

**Title..... Aircraft Navigation Systems Equipment Intermediate Maintenance**

CIN..... M-102-6413

Model Manager ... NAMTRA MARUNIT

Description ..... This course provides training to the Aircraft Navigation Systems Technician, including:

- AN/APX-72 and AN/APX-100(V) IFF Transponder System Maintenance
- AN/ARN-118(V) TACAN System Maintenance
- AN/APN-194(V) Electronic Altimeter System Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an Aircraft Navigation Systems Technician in a shop environment under limited supervision.

Location ..... NAMTRA MARUNIT, MCAS Cherry Point

Length ..... 65 days

RFT date..... Currently available

Skill identifier .... MOS 6413

TTE/TD .....  
◦ AN/APX-72 IFF Transponder  
◦ AN/APX-100(V) IFF Transponder  
◦ AN/ARN-118(V) TACAN  
◦ AN/APN-194(V) Radar Altimeter

Prerequisite..... C-100-2017, Avionics Technician Intermediate Level Class A1

Title..... **Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance**

CIN..... M-102-6483

Model Manager ... NAMTRA MARUNIT

Description ..... This course provides training to the Aircraft Electronic Countermeasures Systems Technician, including:

- AN/AAR-47 MWS Maintenance
- AN/AVS-6 ANVIS System Maintenance
- AN/AVR-2 LDS System Maintenance
- AN/ALE-39 Countermeasures Dispensing System Maintenance
- AN/ALE-39(V)1 Radar Signal Detecting Set Maintenance
- AN/ALQ-144(V) Countermeasures Set Maintenance
- AN/ALQ-157(V) Infrared Countermeasures Set Maintenance
- Laser Safety Fundamentals
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an Aircraft Electronic Countermeasures Systems Technician in a shop environment under limited supervision.

Location ..... NAMTRA MARUNIT, MCAS Cherry Point

Length ..... 88 days

RFT date..... Currently available

Skill identifier .... MOS 6483

TTE/TD .....

- AN/AAR-47 Receiver
- AN/AVS-6 Receiver
- AN/AVR-2 Receiver
- AN/ALE-39 Receiver
- AN/ALE-39(V)1 Receiver
- AN/ALQ-144(V) Receiver
- AN/ALQ-157(V) Receiver

Prerequisite..... C-100-2017, Avionics Technician Intermediate Level Class A1

Title..... **T-400/T-700 Engine First Degree Intermediate Maintenance**

CIN..... M-601-3027

Model Manager ... NAMTRA MARUNIT

Description ..... This track provides training to the Helicopter Power Plants Mechanic, including:

- T-400/T-700 Engine First Degree Intermediate Maintenance Procedures
- T-400 Series Engine First Degree Intermediate Maintenance Procedures
- Publications and Safety Procedures

Upon completion, the student will be able to perform as a Helicopter Power Plants Mechanic in a shop environment under limited supervision.

Locations ..... ◦ NAMTRA MARUNIT, MCAS Camp Pendleton  
◦ MTU 1067 NAMTRAU North Island

Length ..... 64 days

RFT date ..... Currently available

Skill identifier ..... MOS 6124

TTE/TD ..... ◦ T400 Reduction Gearbox  
◦ T400-CP-400 Power Section  
◦ T400-WV-402 Power Section  
◦ T700-GE-401 Engine Assembly

Prerequisite..... C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

Title..... **Helicopter Dynamic Component Intermediate Maintenance**

CIN..... M-601-3090

Model Manager ... NAMTRA MARUNIT

Description ..... This track provides training to the Helicopter Tiltrotor Dynamic Components Mechanic, including:

- Helicopter Dynamic Component Repair System Maintenance
- Basic Corrosion Control Prevention and Treatment
- Publications and Safety Procedures

Upon completion, the student will be able to perform as a Helicopter Tiltrotor Dynamic Components Mechanic in a shop environment under limited supervision.

Locations ..... NAMTRA MARUNIT, MCAS New River

Length ..... 37 days

RFT date..... Currently available

Skill identifier .... MOS 6132

TTE/TD .....

- Rotor Head Assembly
- Swashplate Assembly
- Scissors and Sleeve Assembly
- Tail Rotor Assembly

Prerequisites ..... C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1

Title.....	<b>F-18 Hydraulic Components Intermediate Maintenance</b>
CIN.....	D/E-602-4007
Model Manager ...	MTU 1039
Description .....	This track provides training to the Aircraft Intermediate Level Hydraulic/Pneumatic Mechanic, including: <ul style="list-style-type: none"><li>° Aircraft Hydraulic and Pneumatic Test Stand (HCT-10) Maintenance</li><li>° Limited Aircraft Component Intermediate Maintenance</li><li>° Servo-Cylinder Test Station Operator and Maintainer Intermediate Maintenance</li><li>° Publications and Safety Procedures</li></ul>
	Upon completion, the student will be able to perform as an Aircraft Intermediate Level Hydraulic/Pneumatic Mechanic in a shop environment under limited supervision.
Locations.....	<ul style="list-style-type: none"><li>° MTU 1039 NAMTRAU Oceana</li><li>° MTU 1038 NAMTRAU Lemoore</li></ul>
Length .....	54 days
RFT date.....	Currently available
Skill identifier ....	MOS 6062
TTE/TD .....	<ul style="list-style-type: none"><li>° Hydraulic Horizontal Stabilizer Servo-cylinder</li><li>° Servo-cylinder Test Station</li><li>° Hydraulic Drive Unit Servo-Valve Assembly</li></ul>
Prerequisites .....	<ul style="list-style-type: none"><li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulic) Class A1</li></ul>

Title..... **H-1 Aircraft Electrical Instrument/Automatic Flight Control System Equipment Intermediate Maintenance**

CIN..... M-602-5811

Model Manager ... NAMTRA MARUNIT

Description ..... This course provides training to the Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter, including:

- H-1 Automatic Flight Control System (AFCS) SCAS Maintenance
- H-1 Electrical Systems Maintenance
- AH-1W NARCADS Maintenance
- AH-1W A/A49E-7(V) Turret System Maintenance
- Aircraft Nickel-Cadmium Battery System Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter in a shop environment under limited supervision.

Location ..... NAMTRA MARUNIT, MCAS Camp Pendleton

Length ..... 68 days

RFT date..... Currently available

Skill identifier ..... MOS 6433

TTE/TD .....

- AH-1W CMT 410101 and 111101
- UH-1N CMT 310101 and 110201
- EAT 142301
- AVT 142401
- ERRT 222101

Prerequisite..... C-602-2039, Aviation Electrician's Mate Strand Class A1

**Title.....** **Aviation Ordnance Technician Intermediate Maintenance**

**CIN.....** M-646-7026

**Model Manager ...** NAMTRA MARUNIT

**Description .....** This course provides training to the Aviation Ordnance Systems Technician, including:

- Hazardous Materials and Explosive Driver System Maintenance
- Aviation Ordnance System Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an Aviation Ordnance Systems Technician in a shop environment under limited supervision.

**Location .....** NAMTRA MARUNIT, MCAS Cherry Point

**Length .....** 87 days

**RFT date.....** Currently available

**Skill identifier .....** MOS 6541

**TTE/TD .....**

- Bomb Rack Units, 20/21/22
- Rocket Launcher, LAU-10
- Machine Guns, M-197 and M-60
- Missile Launcher, LAU-7 with ADU-299 Adapter
- HELLCLOUD Launcher, M272

**Prerequisites .....**

- C-646-2011, Aviation Ordnanceman Class A1
- C-646-2012, Aviation Ordnanceman Airwing Strand Class A1

### c. Student Profiles

<b>SKILL IDENTIFIER</b>	<b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>
MOS 7565	Graduate of Naval Flight School
MOS 6114	<ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
MOS 6124	<ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>
MOS 6132	<ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> <li>◦ C-600-2010, Basic Helicopter Class M1</li> </ul>
MOS 6154	<ul style="list-style-type: none"> <li>◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulic) Class A1</li> <li>◦ C-603-0176, Aviation Structural Mechanic Organizational Level Strand</li> </ul>
MOS 6324	<ul style="list-style-type: none"> <li>◦ C-100-2018, Avionics Technician Organizational Level Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>
MOS 6413	<ul style="list-style-type: none"> <li>◦ C-100-2017, Avionics Technician Intermediate Level Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>
MOS 6422	<ul style="list-style-type: none"> <li>◦ C-100-2017, Avionics Technician Intermediate Level Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>
MOS 6433	<ul style="list-style-type: none"> <li>◦ C-602-2039, Aviation Electrician's Mate Strand Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>
MOS 6483	<ul style="list-style-type: none"> <li>◦ C-100-2017, Avionics Technician Intermediate Level Class A1</li> <li>◦ C-100-2020, Avionics Common Core Class A1</li> </ul>
MOS 6531	<ul style="list-style-type: none"> <li>◦ C-646-2011, Aviation Ordnanceman Class A1</li> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>
MOS 6541	<ul style="list-style-type: none"> <li>◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul>

**d. Training Pipelines.** Currently, no changes to existing AH-1W Aircraft pipelines are required.

## I. ONBOARD (IN-SERVICE) TRAINING

### 1. Proficiency or Other Training Organic to the New Development

**a. Maintenance Training Improvement Program.** Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in FY03.

**b. Aviation Maintenance Training Continuum System.** AMTCS will provide career path training to the Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction for the technicians in the Fleet in the form of Interactive Courseware with Computer Managed Instruction and Computer Aided Instruction for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing [Test and Evaluation], recording [Electronic Certification Qualification Records], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial-Off-The-Shelf hardware and software, i.e., Fleet Training Devices - Laptops, Personal Computers, Electronic Classrooms, Learning Resource Centers, operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

### 2. Personnel Qualification Standards. NA

**3. Other Onboard or In-Service Training Packages.** Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as OPNAVINST 4790.2 series maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and

prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks helped identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS.)

## J. LOGISTICS SUPPORT

### 1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-96-C-0128	Bell Helicopter Textron, Inc.	P.O. Box 482 Fort Worth, TX 76101

**2. Program Documentation.** Operational Requirements Document for the Mid-Life Upgrade to the AH-1W (AH-1Z), OPNAV AAS-35 Change 3, was approved October 2002.

**3. Technical Data Plan.** The AH-1W Aircraft is a mature program and all requirements for technical manuals, including AH-1W Aircraft system upgrades and modifications are complete.

**4. Test Sets, Tools, and Test Equipment.** NAVAIR Lakehurst identified AH-1W Aircraft SE. Refer to element IV.A.1 of this NTSP for AH-1W Aircraft special test sets, special tools, and test equipment requirements.

**5. Repair Parts.** AH-1W Aircraft achieved the Material Support Date in FY92.

**6. Human Systems Integration.** The AH-1W Aircraft is a mature program. All new design systems and software address the human-machine interface for operators, maintainers, and support personnel. The design processes conformed to standard human engineering practices as defined in existing human factors engineering design standards. All new hardware and software will minimize the requirement for special cognitive, physical, or sensory requirements of the operators, maintainers, or support personnel beyond those available in current Marine Corps personnel resources. Pilot training includes an integrated sequence of computer based training, simulator exercises, and flight regimes. It consists of both self-paced lesson and instructor presented phase lectures. Maintenance training includes a blend of ICW and paper based instruction. Environmental and Occupational Safety and Health requirements meet federal, state, and local standards, regulations, and directives and are enforced by respective agencies, as applicable.

## K. SCHEDULES

**1. Installation and Delivery Schedules.** All HMLA squadrons are equipped with their allowance of AH-1W Aircraft.

**2. Ready For Operational Use Schedule.** All AH-1W Aircraft are Ready For Operational Use upon delivery and system operational checkout.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** Currently, AH-1W Aircraft FMS customers include Taiwan and Turkey. For further FMS information contact PMA276.

**5. Training Device and Technical Training Equipment Delivery Schedule.** AH-1W Aircraft legacy training systems must continue supporting fleet training throughout the AH-1Z remanufacture program transition period, currently scheduled for 2014. The current AH-1W training devices are reaching a stage of obsolescence. The AH-1W Aircraft WST and APT are in need of hardware and software configuration updates. An acquisition effort with subsequent contract award is expected in May 2003, and a Ready For Training date scheduled for FY04. The following WST training device upgrades are expected:

- Computer Rehost
- Image Generators and Core Common Visual Database
- Installation of a Common Instructor Operator Station (IOS)
- Tactical Network Environment Incorporation
- Control Loading Upgrade
- Aural/Comm
- Projection Display Installation
- Logistics Documentation Support Package

Additionally, there is a requirement to provide engineering and support services for the Engineering Change Support, Configuration Management, and technical library support required by the H-1 In-Service Engineering Office (ISEO) for the life cycle support of the H-1 training devices. The ISEO at MCAS Camp Pendleton is specifically tasked to provide support for design, development, and modification of the AH-1W (and UH-1N) WST and APT software, hardware, and documentation for the remainder of their life cycle. AH-1W Aircraft Training Device quantities, locations, and status are listed in the following table.

TYPE	QUANTITY	LOCATION	STATUS
WST	1	MCAS Camp Pendleton	C1.1 software loaded in Dec. 2002
WST	1	MCAS New River	Host software update with Mission Data Loader (MDL) modules and C1.1
APT	1	MCAS Camp Pendleton	Currently undergoing NTS replacement,

			which will correct network interface controller deficiencies
APT	1	NAS Johnstown	MDL Interface Receptacle Unit Rack installed and CDNU installed with C1.1
APT	1	NAS Atlanta	MDL Interface Receptacle Unit Rack installed and CDNU installed with C1.1
CMT	2	MCAS Camp Pendleton	None

**L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA**

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
AH-1W Navy Training Plan	A-50-8520D	PMA205	Approved Feb 96
Operational Requirement Document AAS-53 for the AH-1W Mid-Life Upgrade	OPNAV 5000 AAS-35	CG MCCDC	Change 3 Oct 02
Navy Training System Plan H-1 Upgrades (AH-1Z and UH-1Y)	A-50-9602A/A	PMA276	Approved Jan 02
H-1 Upgrade Acquisition Logistics Support Low Rate Initial Production II	02-016	PMA276	Draft Dec 02

## **PART II - BILLET AND PERSONNEL REQUIREMENTS**

The following elements are not affected by the AH-1W Aircraft and, therefore, are not included in Part II of this NTSP:

- II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule
- II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities
- II.A.2.c. Total Billets to be Deleted in Operational and Fleet Support Activities

## PART II - BILLET AND PERSONNEL REQUIREMENTS

### II.A. BILLET REQUIREMENTS

SOURCE OF MANPOWER: Total Force Structure (TFS)

DATE: Jan 2003

#### II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USMC							
HMLA-167 MCAS New River	09868	1	0	0	0	0	0
HMLA-269 MCAS New River	08998	1	0	0	0	0	0
HMLA-773 MCAS Marietta	09431	1	0	0	0	0	0
HMLA-775 Det A MCAS Bell Chase	09415	1	0	0	0	0	0
HMLA-775 Det A NAS Johnstown	09415	1	0	0	0	0	0
HMX-1 MCAS Quantico	55173	1	0	0	0	0	0
HMLA-169 MCAS Camp Pendleton	09202	1	0	0	0	0	0
HMLA-267 MCAS Camp Pendleton	09159	1	0	0	0	0	0
HMLA-367 MCAS Camp Pendleton	09079	1	0	0	0	0	0
HMLA-369 MCAS Camp Pendleton	09361	1	0	0	0	0	0
HMLA-775 MCAS Camp Pendleton	55257	1	0	0	0	0	0
HMT-303 MCAS Camp Pendleton	55176	1	0	0	0	0	0
<b>TOTAL:</b>		12	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USN							
Flag & Staff Allow, U.S. LANT FLT and	20001	1	0	0	0	0	0
MC Special Assignment Navy Department	31201	1	0	0	0	0	0
Flag and Staff Allow, U.S. PAC FLT and NAVEUR	56001	1	0	0	0	0	0
Navy Fighter Weapons School, Fallon	52912	1	0	0	0	0	0
<b>TOTAL:</b>		4	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USMC							
4th Marine Air Wing (MAW) HQ, New Orleans	82191	1	0	0	0	0	0
4th MAW Training BR MATSG, Pensacola	06050	1	0	0	0	0	0
CNARF, New Orleans	00071	1	0	0	0	0	0
Defense Logistics Agency	45947	1	0	0	0	0	0
EAMTMU	30500	1	0	0	0	0	0
H&HS MCAS Beaufort	60169	1	0	0	0	0	0
HQMC, Aviation Department	00027	1	0	0	0	0	0
MAD, Patuxent River	67356	1	0	0	0	0	0
MAG HQ (RW)	00001	1	0	0	0	0	0
MAG-42 (RW)	67236	1	0	0	0	0	0
MAG-49 (RW)	67256	1	0	0	0	0	0
MALS (RW)	00002	1	0	0	0	0	0
MALS-26	09167	1	0	0	0	0	0
MALS-29	52841	1	0	0	0	0	0
MALS-36	09136	1	0	0	0	0	0
MALS-39	09808	1	0	0	0	0	0
MALS-42	09513	1	0	0	0	0	0
MALS-49	55555	1	0	0	0	0	0
MARCOR Assigned Allied/UN Commands	00003	1	0	0	0	0	0
MARCOR Assigned USA/USAF	00004	1	0	0	0	0	0

#### II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
Marine Aviation Weapons and Tactics Squadron	55167	1	0	0	0	0	0
MATSG-21	67412	1	0	0	0	0	0
MAW HQ	00005	1	0	0	0	0	0
MC Personnel Assigned Joint/UN Commands	00006	1	0	0	0	0	0
MC Personnel Dept of Navy Non-Dept	65045	1	0	0	0	0	0
MC Regional Support Element	00007	1	0	0	0	0	0
MC Systems Command, Quantico	00262	1	0	0	0	0	0
MCCDC Quantico	00264	1	0	0	0	0	0
MTN Warfare Training Center	64495	1	0	0	0	0	0
NAMTRAGRU, MARCOR PERS	62229	1	0	0	0	0	0
Site Support, Belle Chase	82191	1	0	0	0	0	0
US JT Forces Command and Subordinates	00066	1	0	0	0	0	0
H&HS MCAS Camp Pendleton	67604	1	0	0	0	0	0
H&HS MCAS Yuma	62974	1	0	0	0	0	0
MAD, China Lake	67852	1	0	0	0	0	0
MAGTF, MCAGCC, 29 Palms	67399	1	0	0	0	0	0
MALS SPT Element Kaneohe	31947	1	0	0	0	0	0
MARFORPAC HQ	67025	1	0	0	0	0	0
Site Support, Camp Pendleton	31053	1	0	0	0	0	0
VMR-1	00146	1	0	0	0	0	0
VMU	30286	1	0	0	0	0	0
<b>TOTAL:</b>		41	0	0	0	0	0

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USMC					
<b>HMLA-167 MCAS New River, 09868</b>					
USMC	21	0	CAPT	7565	
	1	0	CWO2	0170	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
	1	0	CWO4	6004	
Active Duty (ACDU)	1	0	LT	2102	
USMC	1	0	LT	6002	
	15	0	LT	7565	
	1	0	LTCOL	7565	
	6	0	MAJ	7565	
	0	3	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6042	
	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	3	LCPL	6132	
	0	26	LCPL	6154	
	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	
	0	3	LCPL	6672	
	0	3	LCPL	7041	
	0	1	MSGT	0193	
	0	1	MSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	49	389			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>HMLA-269 MCAS New River, 08998</b>					
USMC	21	0	CAPT	7565	
	1	0	CWO2	0170	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
	1	0	CWO4	6004	
ACDU	1	0	LT	2102	
USMC	1	0	LT	6002	
	15	0	LT	7565	
	1	0	LTCOL	7565	
	6	0	MAJ	7565	
	0	3	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6042	
	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	
	0	3	LCPL	6132	
	0	26	LCPL	6154	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	
	0	3	LCPL	6672	
	0	3	LCPL	7041	
	0	1	MSGT	0193	
	0	1	MSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	49	389			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>HMLA-773 MCAS Marietta, 09431</b>					
USMC	1	0	CAPT	7565	
	1	0	CWO2	6502	
	1	0	CWO3	6004	
ACDU	1	0	LT	2102	
USMC	0	1	CPL	0151	
	0	1	CPL	6042	
	0	2	CPL	6046	
	0	2	CPL	6048	
	0	1	CPL	6062	
	0	1	CPL	6174	
	0	2	CPL	6324	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6541	
	0	1	GYSGT	6114	
	0	1	GYSGT	6154	
	0	1	GYSGT	6324	
	0	1	GYSGT	6531	
ACDU	0	1	HM1	8404	
	0	1	HM2	8406	
USMC	0	2	LCPL	0121	
	0	1	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6043	
	0	1	LCPL	6062	
	0	1	LCPL	6072	
	0	5	LCPL	6114	
	0	1	LCPL	6132	
	0	4	LCPL	6154	
	0	1	LCPL	6174	
	0	5	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6422	
	0	2	LCPL	6492	
	0	3	LCPL	6531	
	0	2	LCPL	6541	
	0	1	LCPL	6672	
	0	2	LCPL	7041	
	0	1	MGYSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	1	SGT	6033	
	0	1	SGT	6072	
	0	2	SGT	6114	
	0	2	SGT	6124	
	0	4	SGT	6154	
	0	2	SGT	6174	
	0	1	SGT	6177	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	3	SGT	6324	
	0	1	SGT	6413	
	0	2	SGT	6531	
	0	1	SGT	6672	
	0	1	SSGT	6046	
	0	2	SSGT	6048	
	0	2	SSGT	6114	
	0	1	SSGT	6124	
	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	1	SSGT	6324	
Active Reserve (AR)	1	0	CAPT	7565	
	1	0	CWO2	0170	
	2	0	MAJ	7565	
	0	2	CPL	0121	
	0	1	CPL	6048	
	0	1	CPL	6073	
	0	2	CPL	6114	
	0	2	CPL	6154	
	0	1	CPL	6324	
	0	4	CPL	6531	
	0	1	GYSGT	6114	
	0	1	GYSGT	6154	
	0	1	GYSGT	6531	
	0	2	LCPL	6114	
	0	1	MSGT	0193	
	0	1	SGT	6046	
	0	3	SGT	6114	
	0	1	SGT	6154	
	0	1	SGT	6324	
	0	1	SGT	6531	
	0	1	SGT	6541	
	0	1	SSGT	0231	
	0	1	SSGT	6046	
	0	1	SSGT	6114	
	0	1	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
Selected Marine Corps Reserve (SMCR)	10	0	CAPT	7565	
	1	0	CWO2	6302	
	1	0	LT	6002	
	12	0	LT	7565	
	1	0	LTCOL	7565	
	3	0	MAJ	7565	
	0	1	CPL	6046	
	0	1	CPL	6048	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
SMCR	0	1	CPL	6062	
	0	1	CPL	6073	
	0	3	CPL	6092	
	0	9	CPL	6114	
	0	2	CPL	6124	
	0	8	CPL	6154	
	0	4	CPL	6174	
	0	10	CPL	6324	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6531	
	0	2	CPL	6541	
	0	2	GYSGT	6114	
	0	2	GYSGT	6154	
	0	1	GYSGT	6324	
	0	1	GYSGT	6531	
	0	1	LCPL	0151	
	0	2	LCPL	0231	
	0	2	LCPL	0431	
	0	1	LCPL	6042	
	0	2	LCPL	6046	
	0	1	LCPL	6062	
	0	1	LCPL	6072	
	0	13	LCPL	6114	
	0	1	LCPL	6132	
	0	14	LCPL	6154	
	0	3	LCPL	6174	
	0	6	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6422	
	0	2	LCPL	6433	
	0	2	LCPL	6492	
	0	5	LCPL	6531	
	0	4	LCPL	6541	
	0	1	LCPL	6672	
	0	1	SGT	6072	
	0	3	SGT	6114	
	0	3	SGT	6154	
	0	5	SGT	6324	
	0	1	SGT	6413	
	0	1	SGT	6531	
	0	1	SGT	6541	
	0	1	SGT	6672	
	0	1	SGTMAJ	9999	
	0	1	SSGT	6046	
	0	1	SSGT	6092	
	0	3	SSGT	6114	
	0	1	SSGT	6124	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	3	SSGT	6324	
	0	2	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	<b>36</b>	<b>266</b>			
<b>HMLA-775 Det A MCAS Bell Chase, 09415</b>					
USMC	1	0	CAPT	7565	
	0	1	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6124	
	0	1	CPL	6174	
	0	2	CPL	6324	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6541	
	0	1	GYSGT	6154	
	0	1	GYSGT	6324	
	0	1	GYSGT	6531	
ACDU	0	1	HM2	8406	
USMC	0	1	LCPL	0121	
	0	1	LCPL	0431	
	0	1	LCPL	6043	
	0	1	LCPL	6072	
	0	5	LCPL	6114	
	0	1	LCPL	6132	
	0	3	LCPL	6154	
	0	1	LCPL	6174	
	0	4	LCPL	6324	
	0	1	LCPL	6422	
	0	2	LCPL	6492	
	0	2	LCPL	6531	
	0	2	LCPL	6541	
	0	1	LCPL	6672	
	0	1	LCPL	7041	
	0	1	SGT	6033	
	0	1	SGT	6062	
	0	1	SGT	6114	
	0	1	SGT	6124	
	0	1	SGT	6174	
	0	2	SGT	6324	
	0	1	SGT	6413	
	0	1	SGT	6531	
	0	1	SGT	6672	
	0	1	SSGT	6046	
	0	1	SSGT	6048	
	0	3	SSGT	6114	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	SSGT	6124	
	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	1	SSGT	6324	
AR	1	0	CAPT	7565	
	2	0	MAJ	7565	
	0	1	CPL	0121	
	0	1	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6073	
	0	2	CPL	6114	
	0	2	CPL	6154	
	0	2	CPL	6531	
	0	2	GYSGT	6114	
	0	1	GYSGT	6154	
	0	1	LCPL	6114	
	0	1	SGT	6072	
	0	2	SGT	6114	
	0	4	SGT	6154	
	0	1	SGT	6541	
	0	1	SSGT	6531	
SMCR	4	0	CAPT	7565	
	6	0	LT	7565	
	0	1	CPL	6092	
	0	3	CPL	6114	
	0	3	CPL	6154	
	0	1	CPL	6174	
	0	4	CPL	6324	
	0	1	CPL	6531	
	0	1	LCPL	0231	
	0	1	LCPL	6046	
	0	1	LCPL	6062	
	0	4	LCPL	6114	
	0	5	LCPL	6154	
	0	1	LCPL	6174	
	0	3	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6433	
	0	2	LCPL	6531	
	0	1	LCPL	6541	
	0	1	SGT	6114	
	0	1	SGT	6324	
	0	1	SGT	6531	
	0	1	SSGT	0193	
	0	1	SSGT	6324	

**ACTIVITY TOTAL:** 14 122

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>HMLA-775 Det A NAS Johnstown, 09415</b>					
USMC	1	0	CAPT	7565	
	1	0	MAJ	7565	
	0	2	CPL	6046	
	0	2	CPL	6048	
	0	1	CPL	6062	
	0	1	CPL	6073	
	0	3	CPL	6114	
	0	1	CPL	6124	
	0	3	CPL	6154	
	0	1	CPL	6174	
	0	2	CPL	6324	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6531	
	0	2	CPL	6541	
	0	1	GYSGT	6114	
	0	1	GYSGT	6324	
ACDU	0	1	HM2	8406	
USMC	0	1	LCPL	0121	
	0	1	LCPL	0431	
	0	1	LCPL	6043	
	0	1	LCPL	6072	
	0	6	LCPL	6114	
	0	1	LCPL	6132	
	0	3	LCPL	6154	
	0	1	LCPL	6174	
	0	4	LCPL	6324	
	0	1	LCPL	6422	
	0	2	LCPL	6492	
	0	2	LCPL	6531	
	0	2	LCPL	6541	
	0	1	LCPL	6672	
	0	1	LCPL	7041	
	0	1	SGT	6033	
	0	1	SGT	6114	
	0	1	SGT	6124	
	0	3	SGT	6154	
	0	1	SGT	6174	
	0	2	SGT	6324	
	0	1	SGT	6413	
	0	1	SGT	6531	
	0	1	SGT	6672	
	0	1	SSGT	6048	
	0	2	SSGT	6114	
	0	1	SSGT	6124	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	1	SSGT	6324	
AR	1	0	CAPT	7565	
	1	0	MAJ	7565	
	0	1	CPL	0121	
	0	1	GYSGT	6114	
	0	2	GYSGT	6154	
	0	1	GYSGT	6531	
	0	1	SGT	6072	
	0	1	SGT	6114	
	0	1	SGT	6154	
	0	1	SGT	6324	
	0	1	SGT	6541	
	0	1	SSGT	0193	
	0	1	SSGT	6046	
	0	1	SSGT	6531	
SMCR	4	0	CAPT	7565	
	6	0	LT	7565	
	0	1	CPL	6092	
	0	2	CPL	6114	
	0	2	CPL	6154	
	0	1	CPL	6174	
	0	4	CPL	6324	
	0	1	CPL	6531	
	0	1	LCPL	0231	
	0	1	LCPL	6046	
	0	1	LCPL	6062	
	0	4	LCPL	6114	
	0	5	LCPL	6154	
	0	1	LCPL	6174	
	0	3	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6433	
	0	2	LCPL	6531	
	0	1	LCPL	6541	
	0	2	SGT	6114	
	0	1	SGT	6531	
	0	1	SSGT	6114	
	0	1	SSGT	6324	
<b>ACTIVITY TOTAL:</b>	14	122			
<b>HMX-1 MCAS Quantico, 55173</b>					
USMC	1	0	CAPT	0180	
	1	0	CAPT	5803	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	1	0	CAPT	6002	
	1	0	CAPT	6302	
	2	0	CAPT	6602	
	1	0	CAPT	7565	
	1	0	CWO2	0210	
	1	0	CWO2	6302	
	2	0	CWO3	6004	
	1	0	CWO4	0170	
ACDU	2	0	LCDR	2102	
	1	0	LCDR	2302	
	1	0	LT	6510	
USMC	1	0	MAJ	0602	
	1	0	MAJ	5803	
	1	0	MAJ	6002	
	1	0	MAJ	6602	
	2	0	MAJ	7565	
ACDU	0	1	AKC	0000	
	0	3	AK1	0000	
	0	2	AK2	0000	
	0	2	AK3	0000	
	0	1	AKAN	0000	
USMC	0	1	CPL	0121	
	0	1	CPL	2161	
	0	1	CPL	5711	
	0	21	CPL	5811	
	0	3	CPL	5812	
	0	1	CPL	6033	
	0	6	CPL	6046	
	0	2	CPL	6048	
	0	1	CPL	6062	
	0	4	CPL	6072	
	0	2	CPL	6073	
	0	1	CPL	6092	
	0	1	CPL	6112	
	0	6	CPL	6113	
	0	1	CPL	6123	
	0	5	CPL	6152	
	0	3	CPL	6153	
	0	11	CPL	6154	
	0	8	CPL	6172	
	0	11	CPL	6173	
	0	3	CPL	6322	
	0	6	CPL	6323	
	0	2	CPL	6324	
	0	2	CPL	6412	
	0	1	CPL	6433	
	0	5	CPL	6483	
	0	5	CPL	6492	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	4	CPL	6531	
	0	3	CPL	6672	
	0	2	CPL	6694	
	0	5	CPL	7041	
	0	2	GYSGT	0193	
	0	1	GYSGT	0369	
	0	1	GYSGT	0491	
	0	2	GYSGT	0629	
	0	4	GYSGT	4066	
	0	2	GYSGT	5811	
	0	2	GYSGT	6046	
	0	2	GYSGT	6048	
	0	2	GYSGT	6092	
	0	4	GYSGT	6112	
	0	4	GYSGT	6113	
	0	1	GYSGT	6122	
	0	1	GYSGT	6123	
	0	1	GYSGT	6124	
	0	1	GYSGT	6152	
	0	1	GYSGT	6153	
	0	2	GYSGT	6172	
	0	1	GYSGT	6174	
	0	2	GYSGT	6322	
	0	4	GYSGT	6323	
	0	2	GYSGT	6324	
	0	2	GYSGT	6414	
	0	1	GYSGT	6434	
	0	2	GYSGT	6672	
	0	2	GYSGT	7041	
ACDU	0	1	HM1	8406	
	0	1	HM1	8409	
	0	1	HM1	8425	
	0	2	HM2	8406	
USMC	0	2	LCPL	0121	
	0	2	LCPL	0151	
	0	2	LCPL	0431	
	0	1	LCPL	1391	
	0	96	LCPL	5811	
	0	1	LCPL	6046	
	0	1	LCPL	6048	
	0	1	LCPL	6062	
	0	1	LCPL	6072	
	0	2	LCPL	6092	
	0	4	LCPL	6112	
	0	16	LCPL	6113	
	0	4	LCPL	6122	
	0	2	LCPL	6123	
	0	2	LCPL	6124	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	LCPL	6132	
	0	1	LCPL	6152	
	0	6	LCPL	6153	
	0	8	LCPL	6154	
	0	8	LCPL	6172	
	0	10	LCPL	6173	
	0	5	LCPL	6322	
	0	7	LCPL	6323	
	0	4	LCPL	6324	
	0	2	LCPL	6413	
	0	2	LCPL	6423	
	0	2	LCPL	6483	
	0	10	LCPL	6672	
	0	2	LCPL	6694	
	0	2	LCPL	7041	
	0	1	MGYSGT	6019	
	0	2	MGYSGT	6391	
	0	1	MGYSGT	6672	
	0	1	MSGT	0691	
	0	7	MSGT	6019	
	0	1	SGT	0121	
	0	1	SGT	0151	
	0	1	SGT	1391	
	0	1	SGT	3043	
	0	1	SGT	3052	
	0	14	SGT	5811	
	0	1	SGT	5812	
	0	1	SGT	6033	
	0	1	SGT	6042	
	0	1	SGT	6043	
	0	8	SGT	6046	
	0	2	SGT	6048	
	0	1	SGT	6062	
	0	6	SGT	6072	
	0	1	SGT	6073	
	0	11	SGT	6112	
	0	7	SGT	6113	
	0	1	SGT	6122	
	0	1	SGT	6132	
	0	3	SGT	6152	
	0	7	SGT	6153	
	0	1	SGT	6154	
	0	7	SGT	6172	
	0	14	SGT	6173	
	0	4	SGT	6322	
	0	7	SGT	6323	
	0	2	SGT	6324	
	0	2	SGT	6433	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	SGT	6492	
	0	2	SGT	6531	
	0	4	SGT	6672	
	0	1	SGT	6694	
	0	2	SGT	7041	
	0	1	SGTMAJ	9999	
	0	2	SSGT	0193	
	0	1	SSGT	0211	
	0	10	SSGT	0629	
	0	4	SSGT	5811	
	0	1	SSGT	6033	
	0	2	SSGT	6042	
	0	1	SSGT	6048	
	0	1	SSGT	6062	
	0	1	SSGT	6072	
	0	9	SSGT	6112	
	0	6	SSGT	6113	
	0	1	SSGT	6114	
	0	5	SSGT	6122	
	0	1	SSGT	6123	
	0	4	SSGT	6152	
	0	3	SSGT	6153	
	0	2	SSGT	6154	
	0	6	SSGT	6172	
	0	3	SSGT	6173	
	0	5	SSGT	6322	
	0	6	SSGT	6323	
	0	1	SSGT	6324	
	0	1	SSGT	6414	
	0	1	SSGT	6434	
	0	1	SSGT	6492	
	0	1	SSGT	6672	
	0	2	SSGT	6694	
	0	2	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	9954	
	0	1	SSGT	5811	
<b>ACTIVITY TOTAL:</b>	22	612			
<b>HMLA-169 MCAS Camp Pendleton, 09202</b>					
USMC	21	0	CAPT	7565	
	1	0	CWO2	0170	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
	1	0	CWO4	6004	
ACDU	1	0	LT	2102	
USMC	1	0	LT	6002	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	15	0	LT	7565	
	1	0	LTCOL	7565	
	6	0	MAJ	7565	
	0	3	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6042	
	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	
	0	3	LCPL	6132	
	0	26	LCPL	6154	
	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	3	LCPL	6672	
	0	3	LCPL	7041	
	0	1	MSGT	0193	
	0	1	MSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	<b>49</b>	<b>389</b>			
<b>HMLA-267 MCAS Camp Pendleton, 09159</b>					
USMC	21	0	CAPT	7565	
	1	0	CWO2	0170	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
	1	0	CWO4	6004	
ACDU	1	0	LT	2102	
USMC	1	0	LT	6002	
	15	0	LT	7565	
	1	0	LTCOL	7565	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	6	0	MAJ	7565	
	0	3	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6042	
	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	
	0	3	LCPL	6132	
	0	26	LCPL	6154	
	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	
	0	3	LCPL	6672	
	0	3	LCPL	7041	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	MSGT	0193	
	0	1	MSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	<b>49</b>	<b>389</b>			

**HMLA-367 MCAS Camp Pendleton, 09079**

USMC	21	0	CAPT	7565
	1	0	CWO2	0170
	1	0	CWO2	6302
	1	0	CWO2	6502
	1	0	CWO4	6004
ACDU	1	0	LT	2102
USMC	1	0	LT	6002
	15	0	LT	7565
	1	0	LTCOL	7565
	6	0	MAJ	7565
	0	3	CPL	0121

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	CPL	0151	
	0	1	CPL	6042	
	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	
	0	3	LCPL	6132	
	0	26	LCPL	6154	
	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	
	0	3	LCPL	6672	
	0	3	LCPL	7041	
	0	1	MSGT	0193	
	0	1	MSGT	6019	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	MSGT	6391	
	0	1	SGT	0151	
	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	<b>49</b>	<b>389</b>			
<b>HMLA-369 MCAS Camp Pendleton, 09361</b>					
USMC	21	0	CAPT	7565	
	1	0	CWO2	0170	
	1	0	CWO2	6302	
	1	0	CWO2	6502	
	1	0	CWO4	6004	
ACDU	1	0	LT	2102	
USMC	1	0	LT	6002	
	15	0	LT	7565	
	1	0	LTCOL	7565	
	6	0	MAJ	7565	
	0	3	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	6042	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	6	CPL	6046	
	0	6	CPL	6048	
	0	3	CPL	6062	
	0	3	CPL	6073	
	0	15	CPL	6114	
	0	3	CPL	6124	
	0	15	CPL	6154	
	0	7	CPL	6174	
	0	19	CPL	6324	
	0	3	CPL	6433	
	0	3	CPL	6483	
	0	9	CPL	6531	
	0	6	CPL	6541	
	0	3	GYSGT	6012	
	0	3	GYSGT	6114	
	0	3	GYSGT	6154	
	0	3	GYSGT	6324	
	0	4	GYSGT	6531	
	0	3	GYSGT	9954	
ACDU	0	1	HM1	8404	
	0	3	HM2	8406	
USMC	0	3	LCPL	0121	
	0	1	LCPL	0151	
	0	3	LCPL	0231	
	0	4	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6042	
	0	6	LCPL	6043	
	0	3	LCPL	6046	
	0	3	LCPL	6062	
	0	3	LCPL	6072	
	0	31	LCPL	6114	
	0	3	LCPL	6132	
	0	26	LCPL	6154	
	0	6	LCPL	6174	
	0	18	LCPL	6324	
	0	3	LCPL	6413	
	0	3	LCPL	6422	6412
	0	3	LCPL	6433	
	0	6	LCPL	6492	
	0	12	LCPL	6531	
	0	9	LCPL	6541	
	0	3	LCPL	6672	
	0	3	LCPL	7041	
	0	1	MSGT	0193	
	0	1	MSGT	6019	
	0	1	MSGT	6391	
	0	1	SGT	0151	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	SGT	0431	
	0	6	SGT	6012	
	0	3	SGT	6033	
	0	3	SGT	6072	
	0	12	SGT	6114	
	0	3	SGT	6124	
	0	9	SGT	6154	
	0	3	SGT	6174	
	0	1	SGT	6177	6174
	0	9	SGT	6324	
	0	3	SGT	6413	
	0	6	SGT	6531	
	0	3	SGT	6541	
	0	3	SGT	6672	
	0	1	SGT	8421	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	1	SSGT	0231	
	0	3	SSGT	6012	
	0	4	SSGT	6046	
	0	3	SSGT	6048	
	0	6	SSGT	6114	
	0	3	SSGT	6124	
	0	3	SSGT	6154	
	0	3	SSGT	6174	
	0	6	SSGT	6324	
	0	3	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8711	
<b>ACTIVITY TOTAL:</b>	<b>49</b>	<b>389</b>			

**HMLA-775 MCAS Camp Pendleton, 55257**

USMC	1	0	CAPT	7565
	1	0	CWO2	6502
	1	0	CWO3	6004
	0	2	CPL	0151
	0	1	CPL	6042
	0	1	CPL	6046
	0	2	CPL	6048
	0	1	CPL	6062
	0	1	CPL	6174
	0	2	CPL	6324
	0	1	CPL	6433
	0	1	CPL	6483
	0	2	CPL	6541
	0	1	GYSGT	6114
	0	1	GYSGT	6154

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	GYSGT	6324	
	0	1	GYSGT	6531	
ACDU	0	1	HM1	8404	
	0	1	HM2	8406	
USMC	0	2	LCPL	0121	
	0	1	LCPL	0431	
	0	1	LCPL	2111	
	0	1	LCPL	6043	
	0	1	LCPL	6062	
	0	1	LCPL	6072	
	0	5	LCPL	6114	
	0	1	LCPL	6132	
	0	5	LCPL	6154	
	0	1	LCPL	6174	
	0	5	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6422	
	0	2	LCPL	6492	
	0	3	LCPL	6531	
	0	2	LCPL	6541	
	0	1	LCPL	6672	
	0	2	LCPL	7041	
	0	1	MSGT	6391	
	0	1	SGT	0431	
	0	1	SGT	6033	
	0	1	SGT	6072	
	0	2	SGT	6114	
	0	2	SGT	6124	
	0	4	SGT	6154	
	0	2	SGT	6174	
	0	1	SGT	6177	
	0	3	SGT	6324	
	0	1	SGT	6413	
	0	2	SGT	6531	
	0	1	SGT	6672	
	0	1	SGTMAJ	6019	
	0	1	SSGT	6046	
	0	2	SSGT	6048	
	0	2	SSGT	6114	
	0	1	SSGT	6124	
	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	1	SSGT	6324	
AR	1	0	CAPT	7565	
	1	0	CWO2	0170	
	2	0	MAJ	7565	
	0	2	CPL	0121	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AR	0	1	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6073	
	0	3	CPL	6114	
	0	1	CPL	6154	
	0	1	CPL	6324	
	0	4	CPL	6531	
	0	1	GYSGT	6114	
	0	1	GYSGT	6154	
	0	1	GYSGT	6531	
	0	2	LCPL	6114	
	0	1	MSGT	0193	
	0	3	SGT	6114	
	0	1	SGT	6324	
	0	1	SGT	6531	
	0	1	SGT	6541	
	0	1	SSGT	0231	
	0	1	SSGT	6046	
	0	1	SSGT	6114	
	0	1	SSGT	6154	
	0	1	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
SMCR	10	0	CAPT	7565	
Selected Reserve (SELRES) (USN)	1	0	LT	2102	
SMCR	12	0	LT	7565	
	1	0	LTCOL	7565	
	3	0	MAJ	7565	
	0	2	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6062	
	0	1	CPL	6073	
	0	3	CPL	6092	
	0	7	CPL	6114	
	0	2	CPL	6124	
	0	9	CPL	6154	
	0	4	CPL	6174	
	0	10	CPL	6324	
	0	1	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6531	
	0	2	CPL	6541	
	0	2	GYSGT	6114	
	0	2	GYSGT	6154	
	0	1	GYSGT	6324	
	0	1	GYSGT	6531	
	0	1	LCPL	0151	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	2	LCPL	0231	
	0	2	LCPL	0431	
	0	1	LCPL	6042	
	0	2	LCPL	6046	
	0	1	LCPL	6062	
	0	1	LCPL	6072	
	0	14	LCPL	6114	
	0	1	LCPL	6132	
	0	13	LCPL	6154	
	0	3	LCPL	6174	
	0	6	LCPL	6324	
	0	1	LCPL	6413	
	0	1	LCPL	6422	
	0	2	LCPL	6433	
	0	2	LCPL	6492	
	0	5	LCPL	6531	
	0	4	LCPL	6541	
	0	1	LCPL	6672	
	0	1	SGT	6072	
	0	3	SGT	6114	
	0	3	SGT	6154	
	0	5	SGT	6324	
	0	1	SGT	6413	
	0	1	SGT	6531	
	0	1	SGT	6541	
	0	1	SGT	6672	
	0	1	SGTMAJ	9999	
	0	1	SSGT	6046	
	0	1	SSGT	6092	
	0	3	SSGT	6114	
	0	1	SSGT	6124	
	0	1	SSGT	6154	
	0	1	SSGT	6174	
	0	3	SSGT	6324	
	0	2	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	<b>34</b>	<b>266</b>			
<b>HMT-303 MCAS Camp Pendleton, 55176</b>					
USMC	1	0	CAPT	6002	
	1	0	CAPT	6004	
	1	0	CWO2	0170	
	1	0	CWO2	6502	
	1	0	CWO3	6302	
ACDU	1	0	LT	2102	
USMC	1	0	LTCOL	7565	
ACDU	0	1	ADCS	0000	
	0	1	AD1	6417	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACDU	0	1	AD2	6417	
	0	1	AK2	0000	
	0	1	AM2	7232	
	0	1	AM3	7212	
	0	1	AMSC	0000	
	0	1	AZ2	0000	
USMC	0	2	CPL	0121	
	0	2	CPL	0151	
	0	1	CPL	0431	
	0	2	CPL	6034	
	0	1	CPL	6043	
	0	1	CPL	6046	
	0	1	CPL	6048	
	0	1	CPL	6062	
	0	21	CPL	6114	
	0	2	CPL	6124	
	0	1	CPL	6132	
	0	4	CPL	6154	
	0	12	CPL	6174	
	0	10	CPL	6324	
	0	2	CPL	6413	
	0	3	CPL	6423	
	0	2	CPL	6433	
	0	1	CPL	6483	
	0	2	CPL	6492	
ACDU	0	8	CPL	6531	
	0	1	CPL	7041	
	0	1	GYSGT	0193	
	0	2	GYSGT	6114	
	0	3	GYSGT	6174	
	0	2	GYSGT	6324	
USMC	0	1	GYSGT	6531	
	0	1	HM2	8406	
	0	1	HM3	8404	
	0	2	LCPL	0121	
	0	1	LCPL	2111	
	0	1	LCPL	5711	
	0	1	LCPL	6042	
	0	3	LCPL	6046	
	0	6	LCPL	6048	
	0	1	LCPL	6062	
	0	3	LCPL	6072	
	0	2	LCPL	6073	
	0	2	LCPL	6092	
	0	35	LCPL	6114	
	0	3	LCPL	6124	
	0	1	LCPL	6132	
	0	14	LCPL	6154	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	11	LCPL	6174	
	0	11	LCPL	6324	
	0	3	LCPL	6412	
	0	3	LCPL	6413	
	0	3	LCPL	6483	
	0	14	LCPL	6531	
	0	3	LCPL	6541	
	0	7	LCPL	6672	
	0	2	LCPL	7041	
	0	1	MGYSGT	6019	
	0	1	MGYSGT	6391	
	0	1	MSGT	6019	
ACDU	0	1	PN2	0000	
	0	1	PR3	0000	
	0	1	PRAN	0000	
USMC	0	1	SGT	0151	
	0	1	SGT	6033	
	0	1	SGT	6046	
	0	2	SGT	6048	
	0	1	SGT	6062	
	0	2	SGT	6072	
	0	4	SGT	6114	
	0	1	SGT	6124	
	0	5	SGT	6174	
	0	4	SGT	6324	
	0	1	SGT	6433	
	0	1	SGT	6483	
	0	1	SGT	6492	
	0	3	SGT	6531	
	0	3	SGT	6541	
	0	1	SGT	6672	
	0	1	SGTMAJ	9999	
	0	1	SSGT	0193	
	0	2	SSGT	6046	
	0	1	SSGT	6048	
	0	4	SSGT	6114	
	0	6	SSGT	6154	
	0	2	SSGT	6174	
	0	5	SSGT	6324	
	0	2	SSGT	6414	
	0	4	SSGT	6531	
	0	1	SSGT	7041	
	0	1	SSGT	8421	
	0	1	SSGT	8711	
ACDU	0	1	YN1	0000	
<b>ACTIVITY TOTAL:</b>	<b>7</b>	<b>301</b>			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - USN					
<b>Flag and Staff Allow, U.S. LANT FLT and NAVEUR, 00000</b>					
USMC	0	1	GYSGT	6324	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>MC Special Assignment Navy Department, 31201</b>					
USMC	1	0	LTCOL	9957	7565
	4	0	LTCOL	9958	7565
	0	1	GYSGT	9960	6114
<b>ACTIVITY TOTAL:</b>	5	1			
<b>Flag and Staff Allow, U.S. PAC FLT and NAVEUR, 00000</b>					
USMC	0	1	GYSGT	6324	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>Navy Fighter Weapons School, Fallon, 52912</b>					
USMC	0	3	CPL	6531	
	0	1	SGT	6531	
<b>ACTIVITY TOTAL:</b>	0	4			
FLEET SUPPORT ACTIVITIES - USMC					
<b>4th MAW HQ, New Orleans, 82191</b>					
USMC	0	1	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>4th MAW Training BR MATSG, Pensacola, 00000</b>					
AR	0	1	GYSGT	6114	
	0	1	SSGT	6114	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>CNARF, New Orleans, 00000</b>					
USMC	0	1	GYSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>Defense Logistics Agency, 45947</b>					
USMC	1	0	CAPT	7565	
	0	1	SSGT	6154	
<b>ACTIVITY TOTAL:</b>	1	1			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>EAMTMU, 00000</b>					
USMC	0	1	GYSGT	6114	
	0	1	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>H&amp;HS MCAS Beaufort, 60169</b>					
USMC	0	1	CPL	6433	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>HQMC, Aviation Department, 00027</b>					
USMC	1	0	LTCOL	7565	
	1	0	LTCOL	9958	7565
	0	1	GYSGT	6531	
<b>ACTIVITY TOTAL:</b>	2	1			
<b>MAD, Patuxent River, 67356</b>					
USMC	1	0	MAJ	9957	7565
	0	1	CPL	6531	
	0	1	GYSGT	6531	
	0	1	SGT	6531	
<b>ACTIVITY TOTAL:</b>	1	3			
<b>MAG HQ (RW), 00000</b>					
USMC	5	0	MAJ	7565	
<b>ACTIVITY TOTAL:</b>	5	0			
<b>MAG-42 (RW), 67236</b>					
USMC	1	0	MAJ	7565	
	0	1	LCPL	6433	
<b>ACTIVITY TOTAL:</b>	1	1			
<b>MAG-49 (RW), 67256</b>					
USMC	1	0	MAJ	7565	
	0	1	LCPL	6433	
<b>ACTIVITY TOTAL:</b>	1	1			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>MALS (RW), 00000</b>					
USMC					
	1	0	CAPT	0402	
	1	0	CAPT	6002	
	1	0	CAPT	6004	
	1	0	CAPT	6302	
	1	0	CAPT	6502	
	2	0	CAPT	6602	
	2	0	CWO2	6604	
	1	0	CWO3	0170	
	1	0	CWO3	6004	
	1	0	CWO3	6604	
	1	0	CWO4	6004	
	1	0	CWO4	6302	
ACDU	1	0	LT	2100	
USMC	2	0	LT	6002	
	4	0	LT	6602	
	1	0	LTCOL	6002	
	1	0	LTCOL	6602	
	1	0	MAJ	6002	
	1	0	MAJ	6004	
	1	0	MAJ	6602	
	0	1	CPL	0121	
	0	1	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	3052	
	0	1	CPL	6042	
	0	2	CPL	6046	
	0	3	CPL	6048	
	0	1	CPL	6062	
	0	2	CPL	6073	
	0	1	CPL	6074	
	0	4	CPL	6132	
	0	1	CPL	6423	
	0	1	CPL	6492	
	0	1	CPL	6541	
	0	17	CPL	6672	
	0	4	CPL	6694	
	0	1	GYSGT	0491	
	0	1	GYSGT	6042	
	0	2	GYSGT	6046	
	0	1	GYSGT	6048	
	0	2	GYSGT	6072	
	0	2	GYSGT	6073	
	0	1	GYSGT	6074	
	0	1	GYSGT	6092	
	0	1	GYSGT	6123	
	0	1	GYSGT	6124	
	0	2	GYSGT	6132	
	0	1	GYSGT	6414	
	0	2	GYSGT	6434	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USMC	0	1	GYSGT	6483	
	0	1	GYSGT	6492	
	0	2	GYSGT	6541	
	0	6	GYSGT	6672	
	0	1	GYSGT	6694	
ACDU	0	1	HM1	8404	
	0	1	HM2	8404	
	0	1	HM3	8404	
USMC	0	2	LCPL	0121	
	0	2	LCPL	0151	
	0	1	LCPL	0431	
	0	1	LCPL	2111	
	0	2	LCPL	2161	
	0	1	LCPL	3052	
	0	3	LCPL	6042	
	0	7	LCPL	6046	
	0	5	LCPL	6048	
	0	3	LCPL	6072	
	0	3	LCPL	6073	
	0	3	LCPL	6074	
	0	1	LCPL	6092	
	0	1	LCPL	6412	
	0	4	LCPL	6423	
	0	1	LCPL	6433	
	0	4	LCPL	6483	
	0	3	LCPL	6492	
	0	5	LCPL	6541	
	0	24	LCPL	6672	
	0	11	LCPL	6694	
	0	1	MGYSGT	6019	
	0	1	MGYSGT	6391	
	0	1	MGYSGT	6591	
	0	1	MGYSGT	6672	
	0	1	MSGT	0193	
	0	1	MSGT	0369	
	0	3	MSGT	6019	
	0	1	MSGT	6046	
	0	1	MSGT	6391	
	0	2	MSGT	6672	
	0	1	SGT	0121	
	0	1	SGT	2111	
	0	1	SGT	3052	
	0	1	SGT	6033	
	0	1	SGT	6042	
	0	4	SGT	6046	
	0	3	SGT	6048	
	0	5	SGT	6072	
	0	3	SGT	6073	
	0	1	SGT	6074	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	2	SGT	6092	
	0	2	SGT	6132	
	0	1	SGT	6423	
	0	2	SGT	6483	
	0	2	SGT	6492	
	0	1	SGT	6541	
	0	14	SGT	6672	
	0	3	SGT	6694	
	0	2	SGT	8711	
	0	1	SGT	9956	
	0	1	SGTMAJ	9999	
	0	1	SSGT	6033	
	0	1	SSGT	6042	
	0	2	SSGT	6046	
	0	2	SSGT	6048	
	0	3	SSGT	6062	
	0	2	SSGT	6072	
	0	3	SSGT	6073	
	0	1	SSGT	6074	
	0	1	SSGT	6092	
	0	2	SSGT	6132	
	0	3	SSGT	6414	
	0	2	SSGT	6434	
	0	1	SSGT	6483	
	0	1	SSGT	6492	
	0	3	SSGT	6541	
	0	9	SSGT	6672	
	0	2	SSGT	6694	
	0	1	SSGT	8421	
<b>ACTIVITY TOTAL:</b>	26	266			
<b>MALS-26, 09167</b>					
USMC	0	3	CPL	6124	
	0	1	CPL	6124	6023
	0	5	LCPL	6124	
	0	1	SGT	6124	
	0	1	SGT	6124	6023
	0	1	SSGT	6124	
<b>ACTIVITY TOTAL:</b>	0	12			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>MALS-29, 52841</b>					
USMC	0	3	CPL	6124	
	0	5	LCPL	6124	
	0	2	SGT	6124	
	0	1	SGT	6124	6023
	0	1	SSGT	6124	
USMC	0	1	SSGT	6124	6023
<b>ACTIVITY TOTAL:</b>	0	13			
<b>MALS-36, 09136</b>					
USMC	0	2	CPL	6124	
	0	1	CPL	6124	6023
	0	8	LCPL	6124	
	0	1	SSGT	6124	
	0	1	SSGT	6124	6023
<b>ACTIVITY TOTAL:</b>	0	13			
<b>MALS-39, 09808</b>					
USMC	0	3	CPL	6124	
	0	3	CPL	6124	6023
	0	5	LCPL	6124	
	0	2	SGT	6124	
	0	3	SGT	6124	6023
	0	1	SSGT	6124	
	0	1	SSGT	6124	6023
<b>ACTIVITY TOTAL:</b>	0	18			
<b>MALS-42, 09513</b>					
USMC	1	0	CAPT	6002	
	1	0	CAPT	6602	
	1	0	CWO2	6004	
	1	0	CWO4	6302	
	0	1	CPL	6124	
	0	2	CPL	6672	
	0	1	GYSGT	6694	
	0	1	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	2161	
	0	1	LCPL	6042	
	0	1	LCPL	6072	
	0	1	LCPL	6541	
	0	1	SGT	6048	
	0	1	SGT	6132	
	0	1	SGT	6541	
	0	1	SGT	6672	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AR	0	1	SSGT	6672	
	1	0	CAPT	0402	
	1	0	WO	6004	
	0	1	CPL	0121	
	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6073	
	0	1	MGYSGT	6019	
	0	1	MSGT	0369	
	0	1	MSGT	6672	
	0	1	SGT	0311	
	0	1	SGT	6073	
	0	1	SSGT	6033	
	0	1	SSGT	6072	
	0	1	SSGT	6541	
	0	1	SSGT	6672	
SMCR	1	0	CAPT	6302	
	1	0	CAPT	6502	
	1	0	CAPT	6602	
	1	0	CWO2	6004	
	2	0	CWO2	6604	
	1	0	CWO3	0170	
SELRES	1	0	LT	2100	
SMCR	2	0	LT	6002	
	4	0	LT	6602	
	1	0	LTCOL	6002	
	1	0	LTCOL	6602	
	1	0	MAJ	6002	
	1	0	MAJ	6004	
	1	0	MAJ	6602	
	0	1	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	3052	
	0	1	CPL	6042	
	0	1	CPL	6046	
	0	3	CPL	6048	
	0	1	CPL	6062	
	0	2	CPL	6073	
	0	2	CPL	6074	
	0	1	CPL	6124	
	0	4	CPL	6132	
	0	1	CPL	6413	
	0	1	CPL	6492	
	0	15	CPL	6672	
	0	4	CPL	6694	
	0	1	GYSGT	0491	
	0	1	GYSGT	6042	
	0	2	GYSGT	6046	
	0	1	GYSGT	6048	

#### II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	2	GYSGT	6072	
	0	2	GYSGT	6073	
	0	1	GYSGT	6074	
	0	1	GYSGT	6092	
	0	1	GYSGT	6123	
	0	1	GYSGT	6124	
	0	2	GYSGT	6132	
	0	4	GYSGT	6414	
	0	2	GYSGT	6434	
	0	1	GYSGT	6492	
	0	1	GYSGT	6541	
	0	6	GYSGT	6672	
SELRES	0	1	HM1	8404	
	0	1	HM2	8404	
	0	1	HM3	8404	
SMCR	0	1	LCPL	0121	
	0	1	LCPL	0151	
	0	1	LCPL	0431	
	0	1	LCPL	3052	
	0	2	LCPL	6042	
	0	8	LCPL	6046	
	0	5	LCPL	6048	
	0	2	LCPL	6072	
	0	2	LCPL	6073	
	0	5	LCPL	6074	
	0	1	LCPL	6092	
	0	1	LCPL	6412	
	0	4	LCPL	6413	
	0	1	LCPL	6433	
	0	4	LCPL	6483	
	0	3	LCPL	6492	
	0	4	LCPL	6541	
	0	24	LCPL	6672	
	0	11	LCPL	6694	
	0	1	MGYSGT	6391	
	0	1	MGYSGT	6591	
	0	1	MGYSGT	6672	
	0	1	MSGT	0193	
	0	3	MSGT	6019	
	0	1	MSGT	6046	
	0	1	MSGT	6391	
	0	1	MSGT	6672	
	0	1	SGT	0121	
	0	1	SGT	0311	
	0	1	SGT	2111	
	0	1	SGT	3052	
	0	1	SGT	6033	
	0	1	SGT	6042	
	0	4	SGT	6046	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	2	SGT	6048	
	0	5	SGT	6072	
	0	2	SGT	6074	
	0	2	SGT	6092	
	0	2	SGT	6124	
	0	1	SGT	6132	
	0	1	SGT	6413	
	0	2	SGT	6483	
	0	2	SGT	6492	
	0	12	SGT	6672	
	0	3	SGT	6694	
	0	1	SGT	9956	
	0	1	SGTMAJ	9999	
	0	1	SSGT	2161	
	0	1	SSGT	6042	
	0	2	SSGT	6046	
	0	2	SSGT	6048	
	0	3	SSGT	6062	
	0	1	SSGT	6072	
	0	3	SSGT	6073	
	0	2	SSGT	6074	
	0	1	SSGT	6092	
	0	1	SSGT	6124	
	0	2	SSGT	6132	
	0	3	SSGT	6414	
	0	1	SSGT	6434	
	0	1	SSGT	6492	
	0	2	SSGT	6541	
	0	8	SSGT	6672	
	0	2	SSGT	6694	
	0	1	SSGT	8421	
<b>ACTIVITY TOTAL:</b>	<b>25</b>	<b>275</b>			
<b>MALS-49, 55555</b>					
USMC	1	0	CAPT	6002	
	1	0	CAPT	6602	
	1	0	CWO4	6302	
	1	0	LT	6602	
	1	0	MAJ	6004	
	0	1	CPL	6074	
	0	5	CPL	6672	
	0	1	CPL	6694	
	0	1	GYSGT	6072	
	0	1	GYSGT	6123	
	0	1	GYSGT	6434	
	0	1	GYSGT	6492	
	0	2	GYSGT	6672	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	LCPL	0121	
	0	2	LCPL	0151	
	0	1	LCPL	2111	
	0	1	LCPL	2161	
	0	1	LCPL	6042	
	0	3	LCPL	6046	
	0	1	LCPL	6072	
	0	1	LCPL	6423	
	0	1	LCPL	6483	
	0	2	LCPL	6541	
	0	1	LCPL	6672	
	0	2	LCPL	6694	
	0	1	MGYSGT	6019	
	0	1	SGT	3052	
	0	1	SGT	6033	
	0	1	SGT	6046	
	0	1	SGT	6048	
	0	1	SGT	6072	
	0	1	SGT	6074	
	0	1	SGT	6092	
	0	1	SGT	6226	
	0	1	SGT	6423	
	0	1	SGT	6492	
	0	1	SGT	6541	
	0	3	SGT	6672	
	0	3	SGT	6694	
	0	1	SSGT	6033	
	0	1	SSGT	6046	
	0	1	SSGT	6048	
	0	1	SSGT	6072	
	0	1	SSGT	6073	
	0	2	SSGT	6414	
	0	1	SSGT	6434	
	0	1	SSGT	6492	
	0	1	SSGT	6541	
	0	2	SSGT	6672	
	0	1	SSGT	6694	
AR	1	0	CAPT	0402	
	1	0	CWO3	0170	
	1	0	CWO4	6004	
	0	1	CPL	0121	
	0	2	CPL	6073	
	0	1	GYSGT	6048	
	0	1	GYSGT	6672	
	0	1	LCPL	6073	
	0	1	MGYSGT	6391	
	0	1	MSGT	0193	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AR	0	1	MSGT	0369	
	0	1	MSGT	6046	
	0	1	MSGT	6672	
	0	1	SGT	0121	
	0	1	SGT	6046	
	0	2	SGT	6073	
	0	1	SGT	6672	
	0	1	SSGT	6541	
	0	1	SSGT	6672	
	0	1	SSGT	8421	
SMCR	1	0	CAPT	6004	
	1	0	CAPT	6302	
	1	0	CAPT	6502	
	1	0	CAPT	6602	
	2	0	CWO2	6604	
SELRES	1	0	LT	2100	
SMCR	2	0	LT	6002	
	3	0	LT	6602	
	1	0	LTCOL	6002	
	1	0	LTCOL	6602	
	1	0	MAJ	6002	
	1	0	MAJ	6602	
	1	0	WO	6004	
	0	1	CPL	0151	
	0	1	CPL	0431	
	0	1	CPL	3052	
	0	1	CPL	6042	
	0	1	CPL	6046	
	0	3	CPL	6048	
	0	1	CPL	6062	
	0	1	CPL	6074	
	0	1	CPL	6092	
	0	4	CPL	6132	
	0	2	CPL	6226	
	0	1	CPL	6423	
	0	1	CPL	6492	
	0	1	CPL	6541	
	0	12	CPL	6672	
	0	3	CPL	6694	
	0	1	GYSGT	0491	
	0	1	GYSGT	6042	
	0	2	GYSGT	6046	
	0	1	GYSGT	6072	
	0	2	GYSGT	6073	
	0	1	GYSGT	6074	
	0	1	GYSGT	6092	
	0	1	GYSGT	6124	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	2	GYSGT	6132	
	0	4	GYSGT	6414	
	0	1	GYSGT	6434	
	0	2	GYSGT	6541	
	0	3	GYSGT	6672	
	0	1	GYSGT	6694	
SELRES	0	1	HM1	8404	
	0	1	HM2	8404	
	0	1	HM3	8404	
SMCR	0	1	LCPL	0121	
	0	1	LCPL	0431	
	0	1	LCPL	3052	
	0	2	LCPL	6042	
	0	4	LCPL	6046	
	0	5	LCPL	6048	
	0	2	LCPL	6072	
	0	2	LCPL	6073	
	0	5	LCPL	6074	
	0	1	LCPL	6412	
	0	3	LCPL	6423	
	0	1	LCPL	6433	
	0	3	LCPL	6483	
	0	3	LCPL	6492	
	0	3	LCPL	6541	
	0	23	LCPL	6672	
	0	9	LCPL	6694	
	0	1	MGYSGT	6591	
	0	1	MGYSGT	6672	
	0	3	MSGT	6019	
	0	1	MSGT	6391	
	0	1	MSGT	6672	
	0	2	SGT	0311	
	0	1	SGT	2111	
	0	1	SGT	6042	
	0	2	SGT	6046	
	0	2	SGT	6048	
	0	4	SGT	6072	
	0	1	SGT	6073	
	0	1	SGT	6074	
	0	1	SGT	6092	
	0	2	SGT	6132	
	0	1	SGT	6226	
	0	2	SGT	6483	
	0	1	SGT	6492	
	0	9	SGT	6672	
	0	1	SGT	9956	
	0	1	SGTMAJ	9999	
	0	1	SSGT	2161	

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SMCR	0	1	SSGT	6042	
	0	1	SSGT	6046	
	0	1	SSGT	6048	
	0	3	SSGT	6062	
	0	1	SSGT	6072	
	0	3	SSGT	6073	
	0	2	SSGT	6074	
	0	1	SSGT	6092	
	0	2	SSGT	6132	
	0	1	SSGT	6226	
	0	1	SSGT	6414	
	0	1	SSGT	6434	
	0	1	SSGT	6541	
	0	7	SSGT	6672	
	0	1	SSGT	6694	
<b>ACTIVITY TOTAL:</b>	25	277			
<b>MARCOR Assignment Allied/UN Commands, 00000</b>					
USMC	2	0	CAPT	7565	
<b>ACTIVITY TOTAL:</b>	2	0			
<b>MARCOR Assignment USA/USAF, 00000</b>					
USMC	0	1	GYSGT	6114	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>Marine Aviation Weapons and Tactics Squadron, 00000</b>					
USMC	3	0	CAPT	7565	
	1	0	MAJ	7565	
	1	0	MAJ	9958	7565
<b>ACTIVITY TOTAL:</b>	5	0			
<b>MATSG-21, 67412</b>					
USMC	0	1	CPL	6154	
	0	4	GYSGT	6324	
	0	1	GYSGT	6531	
	0	2	SGT	6433	
	0	5	SGT	6531	
	0	1	SSGT	6114	
	0	1	SSGT	6124	
	0	2	SSGT	6154	
	0	4	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	21			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>MAW HQ, 00000</b> USMC	0	3	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	3			
<b>MC Personnel Assignment Joint/UN Commands, 00000</b> USMC	1	0	MAJ	7565	
<b>ACTIVITY TOTAL:</b>	1	0			
<b>MC Personnel Dept of Navy Non-Dept, 00000</b> USMC	1	0	CAPT	7565	
	0	2	GYSGT	6114	
	0	2	GYSGT	6531	
	0	1	SSGT	6154	
	0	1	SSGT	6324	
<b>ACTIVITY TOTAL:</b>	1	6			
<b>MC Regional Support Element, 00000</b> USMC	1	0	CAPT	7565	
<b>ACTIVITY TOTAL:</b>	1	0			
<b>MC Systems Command, Quantico, 00262</b> USMC	1	0	LTCOL	9958	7565
<b>ACTIVITY TOTAL:</b>	1	0			
<b>MCCDC Quantico, 00264</b> USMC	1	0	MAJ	7565	9957
<b>ACTIVITY TOTAL:</b>	1	0			
<b>MTN Warfare Training Center, 00000</b> USMC	0	2	SSGT	6114	
<b>ACTIVITY TOTAL:</b>	0	2			
<b>NAMTRAGRU, MARCOR PERS, 62229</b> USMC	0	1	SGT	6124	
	0	1	SGT	6531	
	0	1	SSGT	6114	
	0	1	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	4			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>Site Support, Belle Chase, 82191</b>					
USMC	1	0	LTCOL	7565	
	1	0	MAJ	7565	
<b>ACTIVITY TOTAL:</b>	2	0			
<b>US JT Forces Command and Subordinates, 00000</b>					
USMC	0	1	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>H&amp;HS MCAS Camp Pendleton, 67604</b>					
USMC	0	1	CPL	6114	
	0	2	LCPL	6114	
<b>ACTIVITY TOTAL:</b>	0	3			
<b>H&amp;HS MCAS Yuma, 62974</b>					
USMC	0	4	CPL	6114	
	0	1	CPL	6324	
	0	1	CPL	6433	
	0	1	GYSGT	6114	
	0	1	GYSGT	6324	
	0	3	LCPL	6114	
	0	1	LCPL	6124	
	0	2	LCPL	6154	
	0	1	LCPL	6324	
	0	1	SGT	6124	
	0	1	SGT	6154	
	0	1	SGT	6324	
	0	3	SSGT	6114	
	0	2	SSGT	6154	
	0	1	SSGT	6154	9954
	0	1	SSGT	6324	
<b>ACTIVITY TOTAL:</b>	0	25			
<b>MAD, China Lake, 67852</b>					
USMC	3	0	CAPT	9957	7565
	1	0	MAJ	9958	7565
	0	2	CPL	6114	
	0	2	CPL	6154	
	0	1	SGT	6114	
	0	1	SSGT	6114	
	0	2	SSGT	6324	
	0	1	SSGT	6531	
<b>ACTIVITY TOTAL:</b>	4	9			

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
<b>MAGTF, MCAGCC, 29 Palms, 67399</b>					
USMC	1	0	CAPT	7565	
	2	0	MAJ	7565	
<b>ACTIVITY TOTAL:</b>	3	0			
<b>MALS SPT Element Kaneohe, 31947</b>					
USMC	0	1	CPL	6433	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>MARFORPAC HQ, 00000</b>					
USMC	0	1	CPL	6531	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>Site Support, Camp Pendleton, 00000</b>					
USMC	1	0	LTCOL	7565	
<b>ACTIVITY TOTAL:</b>	1	0			
<b>VMR-1, 00146</b>					
USMC	0	1	CPL	6433	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>VMU, 00000</b>					
USMC	0	1	SGT	6531	
<b>ACTIVITY TOTAL:</b>	0	1			

### II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<b>USMC OPERATIONAL ACTIVITIES - USMC</b>													
CAPT	0180		1		0		0		0		0		0
CAPT	5803		1		0		0		0		0		0
CAPT	6002		2		0		0		0		0		0
CAPT	6004		1		0		0		0		0		0
CAPT	6302		1		0		0		0		0		0
CAPT	6602		2		0		0		0		0		0
CAPT	7565		131		0		0		0		0		0
CWO2	0170		7		0		0		0		0		0
CWO2	0210		1		0		0		0		0		0
CWO2	6302		7		0		0		0		0		0
CWO2	6502		9		0		0		0		0		0
CWO3	6004		4		0		0		0		0		0
CWO3	6302		1		0		0		0		0		0
CWO4	0170		1		0		0		0		0		0
CWO4	6004		6		0		0		0		0		0
LCDR	2102		2		0		0		0		0		0
LCDR	2302		1		0		0		0		0		0
LT	2102		8		0		0		0		0		0
LT	6002		6		0		0		0		0		0
LT	6510		1		0		0		0		0		0
LT	7565		90		0		0		0		0		0
LTCOL	7565		7		0		0		0		0		0
MAJ	0602		1		0		0		0		0		0
MAJ	5803		1		0		0		0		0		0
MAJ	6002		1		0		0		0		0		0
MAJ	6602		1		0		0		0		0		0
MAJ	7565		39		0		0		0		0		0
ADCS	0000			1		0		0		0		0	0
AD1	6417		1		0		0		0		0		0
AD2	6417		1		0		0		0		0		0
AKC	0000		1		0		0		0		0		0
AK1	0000		3		0		0		0		0		0
AK2	0000		3		0		0		0		0		0
AK3	0000		2		0		0		0		0		0
AKAN	0000		1		0		0		0		0		0
AM2	7232		1		0		0		0		0		0
AM3	7212		1		0		0		0		0		0
AMSC	0000		1		0		0		0		0		0
AZ2	0000		1		0		0		0		0		0
CPL	0121		21		0		0		0		0		0
CPL	0151		11		0		0		0		0		0
CPL	0431		1		0		0		0		0		0
CPL	2161		1		0		0		0		0		0
CPL	5711		1		0		0		0		0		0
CPL	5811		21		0		0		0		0		0
CPL	5812		3		0		0		0		0		0
CPL	6033		1		0		0		0		0		0
CPL	6034		2		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CPL	6042		8		0		0		0		0		0
CPL	6043		1		0		0		0		0		0
CPL	6046		49		0		0		0		0		0
CPL	6048		46		0		0		0		0		0
CPL	6062		23		0		0		0		0		0
CPL	6072		4		0		0		0		0		0
CPL	6073		21		0		0		0		0		0
CPL	6092		1		0		0		0		0		0
CPL	6112		1		0		0		0		0		0
CPL	6113		6		0		0		0		0		0
CPL	6114		114		0		0		0		0		0
CPL	6123		1		0		0		0		0		0
CPL	6124		22		0		0		0		0		0
CPL	6132		1		0		0		0		0		0
CPL	6152		5		0		0		0		0		0
CPL	6153		3		0		0		0		0		0
CPL	6154		108		0		0		0		0		0
CPL	6172		8		0		0		0		0		0
CPL	6173		11		0		0		0		0		0
CPL	6174		58		0		0		0		0		0
CPL	6322		3		0		0		0		0		0
CPL	6323		6		0		0		0		0		0
CPL	6324		134		0		0		0		0		0
CPL	6412		2		0		0		0		0		0
CPL	6413		2		0		0		0		0		0
CPL	6423		3		0		0		0		0		0
CPL	6433		26		0		0		0		0		0
CPL	6483		24		0		0		0		0		0
CPL	6492		7		0		0		0		0		0
CPL	6531		68		0		0		0		0		0
CPL	6541		44		0		0		0		0		0
CPL	6672		3		0		0		0		0		0
CPL	6694		2		0		0		0		0		0
CPL	7041		6		0		0		0		0		0
GYSGT	0193		3		0		0		0		0		0
GYSGT	0369		1		0		0		0		0		0
GYSGT	0491		1		0		0		0		0		0
GYSGT	0629		2		0		0		0		0		0
GYSGT	4066		4		0		0		0		0		0
GYSGT	5811		2		0		0		0		0		0
GYSGT	6012		18		0		0		0		0		0
GYSGT	6046		2		0		0		0		0		0
GYSGT	6048		2		0		0		0		0		0
GYSGT	6092		2		0		0		0		0		0
GYSGT	6112		4		0		0		0		0		0
GYSGT	6113		4		0		0		0		0		0
GYSGT	6114		23		0		0		0		0		0
GYSGT	6122		1		0		0		0		0		0
GYSGT	6123		1		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GYSGT	6124		1		0		0		0		0		0
GYSGT	6152		1		0		0		0		0		0
GYSGT	6153		1		0		0		0		0		0
GYSGT	6154		21		0		0		0		0		0
GYSGT	6172		2		0		0		0		0		0
GYSGT	6174		4		0		0		0		0		0
GYSGT	6322		2		0		0		0		0		0
GYSGT	6323		4		0		0		0		0		0
GYSGT	6324		26		0		0		0		0		0
GYSGT	6414		2		0		0		0		0		0
GYSGT	6434		1		0		0		0		0		0
GYSGT	6531		28		0		0		0		0		0
GYSGT	6672		2		0		0		0		0		0
GYSGT	7041		2		0		0		0		0		0
GYSGT	9954		18		0		0		0		0		0
HM1	8404		8		0		0		0		0		0
HM1	8406		1		0		0		0		0		0
HM1	8409		1		0		0		0		0		0
HM1	8425		1		0		0		0		0		0
HM2	8406		25		0		0		0		0		0
HM3	8404		1		0		0		0		0		0
LCPL	0121		28		0		0		0		0		0
LCPL	0151		8		0		0		0		0		0
LCPL	0231		18		0		0		0		0		0
LCPL	0431		30		0		0		0		0		0
LCPL	1391		1		0		0		0		0		0
LCPL	2111		9		0		0		0		0		0
LCPL	5711		1		0		0		0		0		0
LCPL	5811		96		0		0		0		0		0
LCPL	6042		7		0		0		0		0		0
LCPL	6043		40		0		0		0		0		0
LCPL	6046		22		0		0		0		0		0
LCPL	6048		7		0		0		0		0		0
LCPL	6062		22		0		0		0		0		0
LCPL	6072		26		0		0		0		0		0
LCPL	6073		2		0		0		0		0		0
LCPL	6092		4		0		0		0		0		0
LCPL	6112		4		0		0		0		0		0
LCPL	6113		16		0		0		0		0		0
LCPL	6114		242		0		0		0		0		0
LCPL	6122		4		0		0		0		0		0
LCPL	6123		2		0		0		0		0		0
LCPL	6124		5		0		0		0		0		0
LCPL	6132		24		0		0		0		0		0
LCPL	6152		1		0		0		0		0		0
LCPL	6153		6		0		0		0		0		0
LCPL	6154		193		0		0		0		0		0
LCPL	6172		8		0		0		0		0		0
LCPL	6173		10		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	6174		51		0		0		0		0		0
LCPL	6322		5		0		0		0		0		0
LCPL	6323		7		0		0		0		0		0
LCPL	6324		141		0		0		0		0		0
LCPL	6412		3		0		0		0		0		0
LCPL	6413		25		0		0		0		0		0
LCPL	6422		4		0		0		0		0		0
LCPL	6422 6412		18		0		0		0		0		0
LCPL	6423		2		0		0		0		0		0
LCPL	6433		18		0		0		0		0		0
LCPL	6483		5		0		0		0		0		0
LCPL	6492		44		0		0		0		0		0
LCPL	6531		96		0		0		0		0		0
LCPL	6541		65		0		0		0		0		0
LCPL	6672		39		0		0		0		0		0
LCPL	6694		2		0		0		0		0		0
LCPL	7041		28		0		0		0		0		0
MGYSGT	6019		3		0		0		0		0		0
MGYSGT	6391		3		0		0		0		0		0
MGYSGT	6672		1		0		0		0		0		0
MSGT	0193		6		0		0		0		0		0
MSGT	0691		1		0		0		0		0		0
MSGT	6019		14		0		0		0		0		0
MSGT	6391		8		0		0		0		0		0
PN2	0000		1		0		0		0		0		0
PR3	0000		1		0		0		0		0		0
PRAN	0000		1		0		0		0		0		0
SGT	0121		1		0		0		0		0		0
SGT	0151		9		0		0		0		0		0
SGT	0431		8		0		0		0		0		0
SGT	1391		1		0		0		0		0		0
SGT	3043		1		0		0		0		0		0
SGT	3052		1		0		0		0		0		0
SGT	5811		14		0		0		0		0		0
SGT	5812		1		0		0		0		0		0
SGT	6012		36		0		0		0		0		0
SGT	6033		24		0		0		0		0		0
SGT	6042		1		0		0		0		0		0
SGT	6043		1		0		0		0		0		0
SGT	6046		9		0		0		0		0		0
SGT	6048		4		0		0		0		0		0
SGT	6062		3		0		0		0		0		0
SGT	6072		28		0		0		0		0		0
SGT	6073		1		0		0		0		0		0
SGT	6112		11		0		0		0		0		0
SGT	6113		7		0		0		0		0		0
SGT	6114		82		0		0		0		0		0
SGT	6122		1		0		0		0		0		0
SGT	6124		25		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SGT	6132		1	0	0	0	0	0	0	0	0	0	0
SGT	6152		3	0	0	0	0	0	0	0	0	0	0
SGT	6153		7	0	0	0	0	0	0	0	0	0	0
SGT	6154		66	0	0	0	0	0	0	0	0	0	0
SGT	6172		7	0	0	0	0	0	0	0	0	0	0
SGT	6173		14	0	0	0	0	0	0	0	0	0	0
SGT	6174		29	0	0	0	0	0	0	0	0	0	0
SGT	6177		2	0	0	0	0	0	0	0	0	0	0
SGT	6177 6174		6	0	0	0	0	0	0	0	0	0	0
SGT	6322		4	0	0	0	0	0	0	0	0	0	0
SGT	6323		7	0	0	0	0	0	0	0	0	0	0
SGT	6324		70	0	0	0	0	0	0	0	0	0	0
SGT	6413		22	0	0	0	0	0	0	0	0	0	0
SGT	6433		3	0	0	0	0	0	0	0	0	0	0
SGT	6483		1	0	0	0	0	0	0	0	0	0	0
SGT	6492		2	0	0	0	0	0	0	0	0	0	0
SGT	6531		47	0	0	0	0	0	0	0	0	0	0
SGT	6541		21	0	0	0	0	0	0	0	0	0	0
SGT	6672		27	0	0	0	0	0	0	0	0	0	0
SGT	6694		1	0	0	0	0	0	0	0	0	0	0
SGT	7041		2	0	0	0	0	0	0	0	0	0	0
SGT	8421		6	0	0	0	0	0	0	0	0	0	0
SGTMAJ	6019		1	0	0	0	0	0	0	0	0	0	0
SGTMAJ	9999		8	0	0	0	0	0	0	0	0	0	0
SSGT	0193		9	0	0	0	0	0	0	0	0	0	0
SSGT	0211		1	0	0	0	0	0	0	0	0	0	0
SSGT	0231		6	0	0	0	0	0	0	0	0	0	0
SSGT	0629		10	0	0	0	0	0	0	0	0	0	0
SSGT	5811		4	0	0	0	0	0	0	0	0	0	0
SSGT	6012		18	0	0	0	0	0	0	0	0	0	0
SSGT	6033		1	0	0	0	0	0	0	0	0	0	0
SSGT	6042		2	0	0	0	0	0	0	0	0	0	0
SSGT	6046		29	0	0	0	0	0	0	0	0	0	0
SSGT	6048		26	0	0	0	0	0	0	0	0	0	0
SSGT	6062		1	0	0	0	0	0	0	0	0	0	0
SSGT	6072		1	0	0	0	0	0	0	0	0	0	0
SSGT	6112		9	0	0	0	0	0	0	0	0	0	0
SSGT	6113		6	0	0	0	0	0	0	0	0	0	0
SSGT	6114		50	0	0	0	0	0	0	0	0	0	0
SSGT	6122		5	0	0	0	0	0	0	0	0	0	0
SSGT	6123		1	0	0	0	0	0	0	0	0	0	0
SSGT	6124		22	0	0	0	0	0	0	0	0	0	0
SSGT	6152		4	0	0	0	0	0	0	0	0	0	0
SSGT	6153		3	0	0	0	0	0	0	0	0	0	0
SSGT	6154		30	0	0	0	0	0	0	0	0	0	0
SSGT	6172		6	0	0	0	0	0	0	0	0	0	0
SSGT	6173		3	0	0	0	0	0	0	0	0	0	0
SSGT	6174		24	0	0	0	0	0	0	0	0	0	0
SSGT	6322		5	0	0	0	0	0	0	0	0	0	0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6323		6		0		0		0		0		0
SSGT	6324		46		0		0		0		0		0
SSGT	6414		3		0		0		0		0		0
SSGT	6434		1		0		0		0		0		0
SSGT	6492		1		0		0		0		0		0
SSGT	6531		22		0		0		0		0		0
SSGT	6672		1		0		0		0		0		0
SSGT	6694		2		0		0		0		0		0
SSGT	7041		9		0		0		0		0		0
SSGT	8421		2		0		0		0		0		0
SSGT	8711		7		0		0		0		0		0
SSGT	9954		1		0		0		0		0		0
YN1	0000		1		0		0		0		0		0

**USMC OPERATIONAL ACTIVITIES - AR**

CAPT	7565	4	0		0		0		0		0		0
CWO2	0170	2	0		0		0		0		0		0
MAJ	7565	7	0		0		0		0		0		0
CPL	0121	6	0		0		0		0		0		0
CPL	6046	2	0		0		0		0		0		0
CPL	6048	3	0		0		0		0		0		0
CPL	6073	3	0		0		0		0		0		0
CPL	6114	7	0		0		0		0		0		0
CPL	6154	5	0		0		0		0		0		0
CPL	6324	2	0		0		0		0		0		0
CPL	6531	10	0		0		0		0		0		0
GYSGT	6114	5	0		0		0		0		0		0
GYSGT	6154	5	0		0		0		0		0		0
GYSGT	6531	3	0		0		0		0		0		0
LCPL	6114	5	0		0		0		0		0		0
MSGT	0193	2	0		0		0		0		0		0
SGT	6046	1	0		0		0		0		0		0
SGT	6072	2	0		0		0		0		0		0
SGT	6114	9	0		0		0		0		0		0
SGT	6154	6	0		0		0		0		0		0
SGT	6324	3	0		0		0		0		0		0
SGT	6531	2	0		0		0		0		0		0
SGT	6541	4	0		0		0		0		0		0
SSGT	0193	1	0		0		0		0		0		0
SSGT	0231	2	0		0		0		0		0		0
SSGT	6046	3	0		0		0		0		0		0
SSGT	6114	2	0		0		0		0		0		0
SSGT	6154	1	0		0		0		0		0		0
SSGT	6531	2	0		0		0		0		0		0
SSGT	7041	2	0		0		0		0		0		0
SSGT	8421	2	0		0		0		0		0		0
SSGT	8711	2	0		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
<b>USMC OPERATIONAL ACTIVITIES - SMCR</b>													
CAPT	7565	28		0		0		0		0		0	
CWO2	6302	1		0		0		0		0		0	
LT	2102	1		0		0		0		0		0	
LT	6002	1		0		0		0		0		0	
LT	7565	36		0		0		0		0		0	
LTCOL	7565	2		0		0		0		0		0	
MAJ	7565	6		0		0		0		0		0	
CPL	6046		3		0		0		0		0		0
CPL	6048		2		0		0		0		0		0
CPL	6062		2		0		0		0		0		0
CPL	6073		2		0		0		0		0		0
CPL	6092		8		0		0		0		0		0
CPL	6114		21		0		0		0		0		0
CPL	6124		4		0		0		0		0		0
CPL	6154		22		0		0		0		0		0
CPL	6174		10		0		0		0		0		0
CPL	6324		28		0		0		0		0		0
CPL	6433		2		0		0		0		0		0
CPL	6483		2		0		0		0		0		0
CPL	6531		6		0		0		0		0		0
CPL	6541		4		0		0		0		0		0
GYSGT	6114		4		0		0		0		0		0
GYSGT	6154		4		0		0		0		0		0
GYSGT	6324		2		0		0		0		0		0
GYSGT	6531		2		0		0		0		0		0
LCPL	0151		2		0		0		0		0		0
LCPL	0231		6		0		0		0		0		0
LCPL	0431		4		0		0		0		0		0
LCPL	6042		2		0		0		0		0		0
LCPL	6046		6		0		0		0		0		0
LCPL	6062		4		0		0		0		0		0
LCPL	6072		2		0		0		0		0		0
LCPL	6114		35		0		0		0		0		0
LCPL	6132		2		0		0		0		0		0
LCPL	6154		37		0		0		0		0		0
LCPL	6174		8		0		0		0		0		0
LCPL	6324		18		0		0		0		0		0
LCPL	6413		4		0		0		0		0		0
LCPL	6422		2		0		0		0		0		0
LCPL	6433		6		0		0		0		0		0
LCPL	6492		4		0		0		0		0		0
LCPL	6531		14		0		0		0		0		0
LCPL	6541		10		0		0		0		0		0
LCPL	6672		2		0		0		0		0		0
SGT	6072		2		0		0		0		0		0
SGT	6114		9		0		0		0		0		0
SGT	6154		6		0		0		0		0		0
SGT	6324		11		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SGT	6413		2		0		0		0		0		0
SGT	6531		4		0		0		0		0		0
SGT	6541		2		0		0		0		0		0
SGT	6672		2		0		0		0		0		0
SGTMAJ	9999		2		0		0		0		0		0
SSGT	0193		1		0		0		0		0		0
SSGT	6046		2		0		0		0		0		0
SSGT	6092		2		0		0		0		0		0
SSGT	6114		7		0		0		0		0		0
SSGT	6124		2		0		0		0		0		0
SSGT	6154		2		0		0		0		0		0
SSGT	6174		2		0		0		0		0		0
SSGT	6324		8		0		0		0		0		0
SSGT	6531		4		0		0		0		0		0

**USN FLEET SUPPORT ACTIVITIES - USMC**

LTCOL	9957	7565	1	0		0		0		0		0	
LTCOL	9958	7565	4	0		0		0		0		0	
CPL	6531		3		0		0		0		0		0
GYSGT	6324		2		0		0		0		0		0
GYSGT	9960	6114	1		0		0		0		0		0
SGT	6531		1		0		0		0		0		0

**USMC FLEET SUPPORT ACTIVITIES - USMC**

CAPT	0402		1	0		0		0		0		0	
CAPT	6002		3	0		0		0		0		0	
CAPT	6004		1	0		0		0		0		0	
CAPT	6302		1	0		0		0		0		0	
CAPT	6502		1	0		0		0		0		0	
CAPT	6602		4	0		0		0		0		0	
CAPT	7565		9	0		0		0		0		0	
CAPT	9957	7565	3	0		0		0		0		0	
CWO2	6004		1	0		0		0		0		0	
CWO2	6604		2	0		0		0		0		0	
CWO3	0170		1	0		0		0		0		0	
CWO3	6004		1	0		0		0		0		0	
CWO3	6604		1	0		0		0		0		0	
CWO4	6004		1	0		0		0		0		0	
CWO4	6302		3	0		0		0		0		0	
LT	2100		1	0		0		0		0		0	
LT	6002		2	0		0		0		0		0	
LT	6602		5	0		0		0		0		0	
LTCOL	6002		1	0		0		0		0		0	
LTCOL	6602		1	0		0		0		0		0	
LTCOL	7565		3	0		0		0		0		0	
LTCOL	9958	7565	2	0		0		0		0		0	
MAJ	6002		1	0		0		0		0		0	
MAJ	6004		2	0		0		0		0		0	
MAJ	6602		1	0		0		0		0		0	

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MAJ	7565	12		0		0		0		0		0	
MAJ	7565	9957	1	0		0		0		0		0	
MAJ	9957	7565	1	0		0		0		0		0	
MAJ	9958	7565	2	0		0		0		0		0	
CPL	0121		1		0		0		0		0		0
CPL	0151		1		0		0		0		0		0
CPL	0431		1		0		0		0		0		0
CPL	3052		1		0		0		0		0		0
CPL	6042		1		0		0		0		0		0
CPL	6046		2		0		0		0		0		0
CPL	6048		3		0		0		0		0		0
CPL	6062		1		0		0		0		0		0
CPL	6073		2		0		0		0		0		0
CPL	6074		2		0		0		0		0		0
CPL	6114		7		0		0		0		0		0
CPL	6124		12		0		0		0		0		0
CPL	6124	6023	5		0		0		0		0		0
CPL	6132		4		0		0		0		0		0
CPL	6154		3		0		0		0		0		0
CPL	6324		1		0		0		0		0		0
CPL	6423		1		0		0		0		0		0
CPL	6433		4		0		0		0		0		0
CPL	6492		1		0		0		0		0		0
CPL	6531		2		0		0		0		0		0
CPL	6541		1		0		0		0		0		0
CPL	6672		24		0		0		0		0		0
CPL	6694		5		0		0		0		0		0
GYSGT	0491		1		0		0		0		0		0
GYSGT	6042		1		0		0		0		0		0
GYSGT	6046		2		0		0		0		0		0
GYSGT	6048		1		0		0		0		0		0
GYSGT	6072		3		0		0		0		0		0
GYSGT	6073		2		0		0		0		0		0
GYSGT	6074		1		0		0		0		0		0
GYSGT	6092		1		0		0		0		0		0
GYSGT	6114		5		0		0		0		0		0
GYSGT	6123		2		0		0		0		0		0
GYSGT	6124		1		0		0		0		0		0
GYSGT	6132		2		0		0		0		0		0
GYSGT	6324		5		0		0		0		0		0
GYSGT	6414		1		0		0		0		0		0
GYSGT	6434		3		0		0		0		0		0
GYSGT	6483		1		0		0		0		0		0
GYSGT	6492		2		0		0		0		0		0
GYSGT	6531		6		0		0		0		0		0
GYSGT	6541		2		0		0		0		0		0
GYSGT	6672		8		0		0		0		0		0
GYSGT	6694		2		0		0		0		0		0
HM1	8404		1		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HM2	8404		1	0		0		0		0		0	
HM3	8404		1	0		0		0		0		0	
LCPL	0121		4	0		0		0		0		0	
LCPL	0151		5	0		0		0		0		0	
LCPL	0431		1	0		0		0		0		0	
LCPL	2111		3	0		0		0		0		0	
LCPL	2161		4	0		0		0		0		0	
LCPL	3052		1	0		0		0		0		0	
LCPL	6042		5	0		0		0		0		0	
LCPL	6046		10	0		0		0		0		0	
LCPL	6048		5	0		0		0		0		0	
LCPL	6072		5	0		0		0		0		0	
LCPL	6073		3	0		0		0		0		0	
LCPL	6074		3	0		0		0		0		0	
LCPL	6092		1	0		0		0		0		0	
LCPL	6114		5	0		0		0		0		0	
LCPL	6124		24	0		0		0		0		0	
LCPL	6154		2	0		0		0		0		0	
LCPL	6324		1	0		0		0		0		0	
LCPL	6412		1	0		0		0		0		0	
LCPL	6423		5	0		0		0		0		0	
LCPL	6433		3	0		0		0		0		0	
LCPL	6483		5	0		0		0		0		0	
LCPL	6492		3	0		0		0		0		0	
LCPL	6541		8	0		0		0		0		0	
LCPL	6672		25	0		0		0		0		0	
LCPL	6694		13	0		0		0		0		0	
MGYSGT	6019		2	0		0		0		0		0	
MGYSGT	6391		1	0		0		0		0		0	
MGYSGT	6591		1	0		0		0		0		0	
MGYSGT	6672		1	0		0		0		0		0	
MSGT	0193		1	0		0		0		0		0	
MSGT	0369		1	0		0		0		0		0	
MSGT	6019		3	0		0		0		0		0	
MSGT	6046		1	0		0		0		0		0	
MSGT	6391		1	0		0		0		0		0	
MSGT	6672		2	0		0		0		0		0	
SGT	0121		1	0		0		0		0		0	
SGT	2111		1	0		0		0		0		0	
SGT	3052		2	0		0		0		0		0	
SGT	6033		2	0		0		0		0		0	
SGT	6042		1	0		0		0		0		0	
SGT	6046		5	0		0		0		0		0	
SGT	6048		5	0		0		0		0		0	
SGT	6072		6	0		0		0		0		0	
SGT	6073		3	0		0		0		0		0	
SGT	6074		2	0		0		0		0		0	
SGT	6092		3	0		0		0		0		0	
SGT	6114		1	0		0		0		0		0	

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SGT 6124			7	0	0	0	0	0	0	0	0	0	0
SGT 6124	6023		5	0	0	0	0	0	0	0	0	0	0
SGT 6132			3	0	0	0	0	0	0	0	0	0	0
SGT 6154			1	0	0	0	0	0	0	0	0	0	0
SGT 6226			1	0	0	0	0	0	0	0	0	0	0
SGT 6324			1	0	0	0	0	0	0	0	0	0	0
SGT 6423			2	0	0	0	0	0	0	0	0	0	0
SGT 6433			2	0	0	0	0	0	0	0	0	0	0
SGT 6483			2	0	0	0	0	0	0	0	0	0	0
SGT 6492			3	0	0	0	0	0	0	0	0	0	0
SGT 6531			8	0	0	0	0	0	0	0	0	0	0
SGT 6541			3	0	0	0	0	0	0	0	0	0	0
SGT 6672			18	0	0	0	0	0	0	0	0	0	0
SGT 6694			6	0	0	0	0	0	0	0	0	0	0
SGT 8711			2	0	0	0	0	0	0	0	0	0	0
SGT 9956			1	0	0	0	0	0	0	0	0	0	0
SGTMAJ 9999			1	0	0	0	0	0	0	0	0	0	0
SSGT 6033			2	0	0	0	0	0	0	0	0	0	0
SSGT 6042			1	0	0	0	0	0	0	0	0	0	0
SSGT 6046			3	0	0	0	0	0	0	0	0	0	0
SSGT 6048			3	0	0	0	0	0	0	0	0	0	0
SSGT 6062			3	0	0	0	0	0	0	0	0	0	0
SSGT 6072			3	0	0	0	0	0	0	0	0	0	0
SSGT 6073			4	0	0	0	0	0	0	0	0	0	0
SSGT 6074			1	0	0	0	0	0	0	0	0	0	0
SSGT 6092			1	0	0	0	0	0	0	0	0	0	0
SSGT 6114			8	0	0	0	0	0	0	0	0	0	0
SSGT 6124			5	0	0	0	0	0	0	0	0	0	0
SSGT 6124	6023		3	0	0	0	0	0	0	0	0	0	0
SSGT 6132			2	0	0	0	0	0	0	0	0	0	0
SSGT 6154			6	0	0	0	0	0	0	0	0	0	0
SSGT 6154	9954		1	0	0	0	0	0	0	0	0	0	0
SSGT 6324			4	0	0	0	0	0	0	0	0	0	0
SSGT 6414			5	0	0	0	0	0	0	0	0	0	0
SSGT 6434			4	0	0	0	0	0	0	0	0	0	0
SSGT 6483			1	0	0	0	0	0	0	0	0	0	0
SSGT 6492			2	0	0	0	0	0	0	0	0	0	0
SSGT 6531			12	0	0	0	0	0	0	0	0	0	0
SSGT 6541			4	0	0	0	0	0	0	0	0	0	0
SSGT 6672			12	0	0	0	0	0	0	0	0	0	0
SSGT 6694			3	0	0	0	0	0	0	0	0	0	0
SSGT 8421			1	0	0	0	0	0	0	0	0	0	0

**USMC FLEET SUPPORT ACTIVITIES - AR**

CAPT 0402	2	0	0	0	0	0	0	0	0	0	0	0	0
CWO3 0170	1	0	0	0	0	0	0	0	0	0	0	0	0
CWO4 6004	1	0	0	0	0	0	0	0	0	0	0	0	0
WO 6004	1	0	0	0	0	0	0	0	0	0	0	0	0
CPL 0121		2	0	0	0	0	0	0	0	0	0	0	0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CPL	6073		2		0		0		0		0		0
CPL	6541		1		0		0		0		0		0
GYSGT	6048		1		0		0		0		0		0
GYSGT	6114		1		0		0		0		0		0
GYSGT	6541		1		0		0		0		0		0
GYSGT	6672		1		0		0		0		0		0
LCPL	6073		2		0		0		0		0		0
MGYSGT	6019		1		0		0		0		0		0
MGYSGT	6391		1		0		0		0		0		0
MSGT	0193		1		0		0		0		0		0
MSGT	0369		2		0		0		0		0		0
MSGT	6046		1		0		0		0		0		0
MSGT	6672		2		0		0		0		0		0
SGT	0121		1		0		0		0		0		0
SGT	0311		1		0		0		0		0		0
SGT	6046		1		0		0		0		0		0
SGT	6073		3		0		0		0		0		0
SGT	6672		1		0		0		0		0		0
SSGT	6033		1		0		0		0		0		0
SSGT	6072		1		0		0		0		0		0
SSGT	6114		1		0		0		0		0		0
SSGT	6541		2		0		0		0		0		0
SSGT	6672		2		0		0		0		0		0
SSGT	8421		1		0		0		0		0		0

**USMC FLEET SUPPORT ACTIVITIES - SMCR**

CAPT	6004	1	0		0		0		0		0		0
CAPT	6302	2	0		0		0		0		0		0
CAPT	6502	2	0		0		0		0		0		0
CAPT	6602	2	0		0		0		0		0		0
CWO2	6004	1	0		0		0		0		0		0
CWO2	6604	4	0		0		0		0		0		0
CWO3	0170	1	0		0		0		0		0		0
LT	2100	2	0		0		0		0		0		0
LT	6002	4	0		0		0		0		0		0
LT	6602	7	0		0		0		0		0		0
LTCOL	6002	2	0		0		0		0		0		0
LTCOL	6602	2	0		0		0		0		0		0
MAJ	6002	2	0		0		0		0		0		0
MAJ	6004	1	0		0		0		0		0		0
MAJ	6602	2	0		0		0		0		0		0
WO	6004	1	0		0		0		0		0		0
CPL	0151		2		0		0		0		0		0
CPL	0431		2		0		0		0		0		0
CPL	3052		2		0		0		0		0		0
CPL	6042		2		0		0		0		0		0
CPL	6046		2		0		0		0		0		0
CPL	6048		6		0		0		0		0		0
CPL	6062		2		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CPL	6073		2		0		0		0		0		0
CPL	6074		3		0		0		0		0		0
CPL	6092		1		0		0		0		0		0
CPL	6124		1		0		0		0		0		0
CPL	6132		8		0		0		0		0		0
CPL	6226		2		0		0		0		0		0
CPL	6413		1		0		0		0		0		0
CPL	6423		1		0		0		0		0		0
CPL	6492		2		0		0		0		0		0
CPL	6541		1		0		0		0		0		0
CPL	6672		27		0		0		0		0		0
CPL	6694		7		0		0		0		0		0
GYSGT	0491		2		0		0		0		0		0
GYSGT	6042		2		0		0		0		0		0
GYSGT	6046		4		0		0		0		0		0
GYSGT	6048		1		0		0		0		0		0
GYSGT	6072		3		0		0		0		0		0
GYSGT	6073		4		0		0		0		0		0
GYSGT	6074		2		0		0		0		0		0
GYSGT	6092		2		0		0		0		0		0
GYSGT	6123		1		0		0		0		0		0
GYSGT	6124		2		0		0		0		0		0
GYSGT	6132		4		0		0		0		0		0
GYSGT	6414		8		0		0		0		0		0
GYSGT	6434		3		0		0		0		0		0
GYSGT	6492		1		0		0		0		0		0
GYSGT	6541		3		0		0		0		0		0
GYSGT	6672		9		0		0		0		0		0
GYSGT	6694		1		0		0		0		0		0
HM1	8404		2		0		0		0		0		0
HM2	8404		2		0		0		0		0		0
HM3	8404		2		0		0		0		0		0
LCPL	0121		2		0		0		0		0		0
LCPL	0151		1		0		0		0		0		0
LCPL	0431		2		0		0		0		0		0
LCPL	3052		2		0		0		0		0		0
LCPL	6042		4		0		0		0		0		0
LCPL	6046		12		0		0		0		0		0
LCPL	6048		10		0		0		0		0		0
LCPL	6072		4		0		0		0		0		0
LCPL	6073		4		0		0		0		0		0
LCPL	6074		10		0		0		0		0		0
LCPL	6092		1		0		0		0		0		0
LCPL	6412		2		0		0		0		0		0
LCPL	6413		4		0		0		0		0		0
LCPL	6423		3		0		0		0		0		0
LCPL	6433		2		0		0		0		0		0
LCPL	6483		7		0		0		0		0		0
LCPL	6492		6		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
LCPL	6541		7		0		0		0		0		0
LCPL	6672		47		0		0		0		0		0
LCPL	6694		20		0		0		0		0		0
MGYSGT	6391		1		0		0		0		0		0
MGYSGT	6591		2		0		0		0		0		0
MGYSGT	6672		2		0		0		0		0		0
MSGT	0193		1		0		0		0		0		0
MSGT	6019		6		0		0		0		0		0
MSGT	6046		1		0		0		0		0		0
MSGT	6391		2		0		0		0		0		0
MSGT	6672		2		0		0		0		0		0
SGT	0121		1		0		0		0		0		0
SGT	0311		3		0		0		0		0		0
SGT	2111		2		0		0		0		0		0
SGT	3052		1		0		0		0		0		0
SGT	6033		1		0		0		0		0		0
SGT	6042		2		0		0		0		0		0
SGT	6046		6		0		0		0		0		0
SGT	6048		4		0		0		0		0		0
SGT	6072		9		0		0		0		0		0
SGT	6073		1		0		0		0		0		0
SGT	6074		3		0		0		0		0		0
SGT	6092		3		0		0		0		0		0
SGT	6124		2		0		0		0		0		0
SGT	6132		3		0		0		0		0		0
SGT	6226		1		0		0		0		0		0
SGT	6413		1		0		0		0		0		0
SGT	6483		4		0		0		0		0		0
SGT	6492		3		0		0		0		0		0
SGT	6672		21		0		0		0		0		0
SGT	6694		3		0		0		0		0		0
SGT	9956		2		0		0		0		0		0
SGTMAJ	9999		2		0		0		0		0		0
SSGT	2161		2		0		0		0		0		0
SSGT	6042		2		0		0		0		0		0
SSGT	6046		3		0		0		0		0		0
SSGT	6048		3		0		0		0		0		0
SSGT	6062		6		0		0		0		0		0
SSGT	6072		2		0		0		0		0		0
SSGT	6073		6		0		0		0		0		0
SSGT	6074		4		0		0		0		0		0
SSGT	6092		2		0		0		0		0		0
SSGT	6124		1		0		0		0		0		0
SSGT	6132		4		0		0		0		0		0
SSGT	6226		1		0		0		0		0		0
SSGT	6414		4		0		0		0		0		0
SSGT	6434		2		0		0		0		0		0
SSGT	6492		1		0		0		0		0		0
SSGT	6541		3		0		0		0		0		0

**II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SSGT	6672		15		0		0		0		0		0
SSGT	6694		3		0		0		0		0		0
SSGT	8421		1		0		0		0		0		0
<b>USMC OPERATIONAL ACTIVITIES - ACDU</b>													
		12	58		0	0	0	0	0	0	0	0	0
		321	3497		0	0	0	0	0	0	0	0	0
<b>USMC OPERATIONAL ACTIVITIES - AR</b>													
		13	102		0	0	0	0	0	0	0	0	0
<b>USMC OPERATIONAL ACTIVITIES - SELRES</b>													
		1			0		0		0		0		0
		74	366		0	0	0	0	0	0	0	0	0
<b>USN FLEET SUPPORT ACTIVITIES - USMC</b>													
		5	7		0	0	0	0	0	0	0	0	0
<b>USMC FLEET SUPPORT ACTIVITIES - ACDU</b>													
		1	3		0	0	0	0	0	0	0	0	0
		67	488		0	0	0	0	0	0	0	0	0
<b>USMC FLEET SUPPORT ACTIVITIES - AR</b>													
		5	34		0	0	0	0	0	0	0	0	0
<b>USMC FLEET SUPPORT ACTIVITIES - SELRES</b>													
		2	6		0	0	0	0	0	0	0	0	0
		34	436		0	0	0	0	0	0	0	0	0
<b>GRAND TOTALS:</b>													
USN - USMC		5	7		0	0	0	0	0	0	0	0	0
USMC - USMC		388	3985		0	0	0	0	0	0	0	0	0
		13	61		0	0	0	0	0	0	0	0	0
USMC - AR		18	136		0	0	0	0	0	0	0	0	0
USMC - SMCR		108	802		0	0	0	0	0	0	0	0	0
		3	6		0	0	0	0	0	0	0	0	0

### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

**TRAINING ACTIVITY, LOCATION, UIC:** HMT-303, MCAS Camp Pendleton, 55176

#### INSTRUCTOR BILLETS

USN														
LCDR	1310		1	0	1	0	1	0	1	0	1	0	1	0
LT	1310		6	0	6	0	6	0	6	0	6	0	6	0
USMC														
CAPT	7565		19	0	19	0	19	0	19	0	19	0	19	0
MAJ	7565		5	0	5	0	5	0	5	0	5	0	5	0
<b>TOTAL:</b>			31	0	31	0	31	0	31	0	31	0	31	0

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 1038 NAMTRAU Lemoore, 66060

#### INSTRUCTOR BILLETS

USN														
AM1	7213 9502		0	3	0	3	0	3	0	3	0	3	0	3
AM2	7213 9502		0	2	0	2	0	2	0	2	0	2	0	2
AT1	6634 9502		0	1	0	1	0	1	0	1	0	1	0	1
AT2	6634 9502		0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>			0	7	0	7	0	7	0	7	0	7	0	7

**TRAINING ACTIVITY, LOCATION, UIC:** MTU 1039 NAMTRAU Oceana, 66045

#### INSTRUCTOR BILLETS

USN														
AMC	7212 9502		0	1	0	1	0	1	0	1	0	1	0	1
AM1	7213 9502		0	3	0	3	0	3	0	3	0	3	0	3
AT1	6634 9502		0	2	0	2	0	2	0	2	0	2	0	2
<b>TOTAL:</b>			0	6	0	6	0	6	0	6	0	6	0	6

### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1067 NAMTRAU North Island, 66065

#### INSTRUCTOR BILLETS

USN													
AD1	6426	9502	0	2	0	2	0	2	0	2	0	2	0
<b>TOTAL:</b>			0	2	0	2	0	2	0	2	0	2	0

TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT, MCAS Camp Pendleton, 48107

#### INSTRUCTOR BILLETS

USMC													
CPL	6154		0	1	0	1	0	1	0	1	0	1	0
CPL	6531		0	4	0	4	0	4	0	4	0	4	0
GYSGT	6114		0	1	0	1	0	1	0	1	0	1	0
GYSGT	6124		0	2	0	2	0	2	0	2	0	2	0
GYSGT	6324		0	3	0	3	0	3	0	3	0	3	0
GYSGT	6531		0	1	0	1	0	1	0	1	0	1	0
SGT	6114		0	20	0	20	0	20	0	20	0	20	0
SGT	6124		0	1	0	1	0	1	0	1	0	1	0
SGT	6324		0	12	0	12	0	12	0	12	0	12	0
SGT	6433		0	2	0	2	0	2	0	2	0	2	0
SGT	6531		0	2	0	2	0	2	0	2	0	2	0
SSGT	6114		0	6	0	6	0	6	0	6	0	6	0
SSGT	6154		0	4	0	4	0	4	0	4	0	4	0
SSGT	6324		0	6	0	6	0	6	0	6	0	6	0
SSGT	6434		0	6	0	6	0	6	0	6	0	6	0
SSGT	6531		0	2	0	2	0	2	0	2	0	2	0

#### SUPPORT BILLETS

USMC													
GYSGT	6324		0	1	0	1	0	1	0	1	0	1	0
MSGT	6591		0	1	0	1	0	1	0	1	0	1	0
<b>TOTAL:</b>			0	75	0	75	0	75	0	75	0	75	0

### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

**TRAINING ACTIVITY, LOCATION, UIC:** NAMTRA MARUNIT, MCAS Cherry Point, 31511

#### INSTRUCTOR BILLETS

##### USMC

GYSGT	6074	0	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6414	0	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6531	0	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6541	0	1	0	1	0	1	0	1	0	1	0	1
SGT	6074	0	5	0	5	0	5	0	5	0	5	0	5
SGT	6412	0	5	0	5	0	5	0	5	0	5	0	5
SGT	6413	0	4	0	4	0	4	0	4	0	4	0	4
SGT	6483	0	4	0	4	0	4	0	4	0	4	0	4
SGT	6531	0	6	0	6	0	6	0	6	0	6	0	6
SGT	6541	0	16	0	16	0	16	0	16	0	16	0	16
SSGT	6074	0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6414	0	4	0	4	0	4	0	4	0	4	0	4
SSGT	6434	0	3	0	3	0	3	0	3	0	3	0	3
SSGT	6531	0	1	0	1	0	1	0	1	0	1	0	1
SSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2

#### SUPPORT BILLETS

##### USMC

GYSGT	6541	0	1	0	1	0	1	0	1	0	1	0	1
MSGT	6591	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>		0	59	0	59	0	59	0	59	0	59	0	59

**TRAINING ACTIVITY, LOCATION, UIC:** NAMTRA MARUNIT, MCAS New River, 55203

#### INSTRUCTOR BILLETS

##### USMC

CPL	6132	0	2	0	2	0	2	0	2	0	2	0	2
SSGT	6132	0	1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL:</b>		0	3	0	3	0	3	0	3	0	3	0	3

#### II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 1039 NAMTRAU Oceana, 66045	USMC	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
NAMTRA MARUNIT, MCAS New River, 55203	USMC	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9
HMT-303, MCAS Camp Pendleton, 55176	USMC	26.1	0.0	26.1	0.0	26.3	0.0	26.1	0.0	26.1	0.0	26.3	0.0
MTU 1038 NAMTRAU Lemoore, 66060	USMC	0.0	2.1	0.0	2.1	0.0	2.1	0.0	2.1	0.0	2.1	0.0	2.1
NAMTRA MARUNIT, MCAS Camp Pendleton, 48107	USMC	0.0	76.7	0.0	76.7	0.0	76.7	0.0	76.7	0.0	76.7	0.0	76.7
<b>SUMMARY TOTALS:</b>	USMC	26.1	91.8	26.1	91.8	26.3	91.8	26.1	91.8	26.1	91.8	26.3	91.8
<b>GRAND TOTALS:</b>		26.1	91.8	26.1	91.8	26.3	91.8	26.1	91.8	26.1	91.8	26.3	91.8

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM	FY07 +/-	CUM
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### a. OFFICER - USN

#### Operational Billets ACDU and TAR

LCDR	2102		2	0	2	0	2	0	2	0	2	0	2
LCDR	2302		1	0	1	0	1	0	1	0	1	0	1
LT	2102		8	0	8	0	8	0	8	0	8	0	8
LT	6510		1	0	1	0	1	0	1	0	1	0	1

#### Fleet Support Billets ACDU and TAR

LT	2100		1	0	1	0	1	0	1	0	1	0	1
----	------	--	---	---	---	---	---	---	---	---	---	---	---

#### Staff Billets ACDU and TAR

LCDR	1310		1	0	1	0	1	0	1	0	1	0	1
LT	1310		6	0	6	0	6	0	6	0	6	0	6

#### SELRES Billets

LT	2100		2	0	2	0	2	0	2	0	2	0	2
LT	2102		1	0	1	0	1	0	1	0	1	0	1

### TOTAL USN OFFICER BILLETS:

Operational			12	0	12	0	12	0	12	0	12	0	12
Fleet Support			1	0	1	0	1	0	1	0	1	0	1
Staff			7	0	7	0	7	0	7	0	7	0	7
SELRES			3	0	3	0	3	0	3	0	3	0	3

### b. ENLISTED - USN

#### Operational Billets ACDU and TAR

ADCS	0000		1	0	1	0	1	0	1	0	1	0	1
AD1	6417		1	0	1	0	1	0	1	0	1	0	1
AD2	6417		1	0	1	0	1	0	1	0	1	0	1
AKC	0000		1	0	1	0	1	0	1	0	1	0	1
AK1	0000		3	0	3	0	3	0	3	0	3	0	3
AK2	0000		3	0	3	0	3	0	3	0	3	0	3
AK3	0000		2	0	2	0	2	0	2	0	2	0	2
AKAN	0000		1	0	1	0	1	0	1	0	1	0	1
AM2	7232		1	0	1	0	1	0	1	0	1	0	1
AM3	7212		1	0	1	0	1	0	1	0	1	0	1
AMSC	0000		1	0	1	0	1	0	1	0	1	0	1
AZ2	0000		1	0	1	0	1	0	1	0	1	0	1

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07		
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	
HM1	8404		8	0	8	0	8	0	8	0	8	0	8	
HM1	8406		1	0	1	0	1	0	1	0	1	0	1	
HM1	8409		1	0	1	0	1	0	1	0	1	0	1	
HM1	8425		1	0	1	0	1	0	1	0	1	0	1	
HM2	8406		25	0	25	0	25	0	25	0	25	0	25	
HM3	8404		1	0	1	0	1	0	1	0	1	0	1	
PN2	0000		1	0	1	0	1	0	1	0	1	0	1	
PR3	0000		1	0	1	0	1	0	1	0	1	0	1	
PRAN	0000		1	0	1	0	1	0	1	0	1	0	1	
YN1	0000		1	0	1	0	1	0	1	0	1	0	1	
<b>Fleet Support Billets ACDU and TAR</b>														
HM1	8404		1	0	1	0	1	0	1	0	1	0	1	
HM2	8404		1	0	1	0	1	0	1	0	1	0	1	
HM3	8404		1	0	1	0	1	0	1	0	1	0	1	
<b>Staff Billets ACDU and TAR</b>														
AD1	6426	9502	2	0	2	0	2	0	2	0	2	0	2	
AMC	7212	9502	1	0	1	0	1	0	1	0	1	0	1	
AM1	7213	9502	6	0	6	0	6	0	6	0	6	0	6	
AM2	7213	9502	2	0	2	0	2	0	2	0	2	0	2	
AT1	6634	9502	3	0	3	0	3	0	3	0	3	0	3	
AT2	6634	9502	1	0	1	0	1	0	1	0	1	0	1	
<b>SELRES Billets</b>														
HM1	8404		2	0	2	0	2	0	2	0	2	0	2	
HM2	8404		2	0	2	0	2	0	2	0	2	0	2	
HM3	8404		2	0	2	0	2	0	2	0	2	0	2	
<b>TOTAL USN ENLISTED BILLETS:</b>														
Operational				58	0	58	0	58	0	58	0	58	0	58
Fleet Support				3	0	3	0	3	0	3	0	3	0	3
Staff				15	0	15	0	15	0	15	0	15	0	15
SELRES				6	0	6	0	6	0	6	0	6	0	6

#### c. OFFICER - USMC

##### Operational Billets USMC and AR

CAPT	0180	1	0	1	0	1	0	1	0	1	0	1	
CAPT	5803	1	0	1	0	1	0	1	0	1	0	1	

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
CAPT	6002		2	0	2	0	2	0	2	0	2	0	2
CAPT	6004		1	0	1	0	1	0	1	0	1	0	1
CAPT	6302		1	0	1	0	1	0	1	0	1	0	1
CAPT	6602		2	0	2	0	2	0	2	0	2	0	2
CAPT	7565		135	0	135	0	135	0	135	0	135	0	135
CWO2	0170		9	0	9	0	9	0	9	0	9	0	9
CWO2	0210		1	0	1	0	1	0	1	0	1	0	1
CWO2	6302		7	0	7	0	7	0	7	0	7	0	7
CWO2	6502		9	0	9	0	9	0	9	0	9	0	9
CWO3	6004		4	0	4	0	4	0	4	0	4	0	4
CWO3	6302		1	0	1	0	1	0	1	0	1	0	1
CWO4	0170		1	0	1	0	1	0	1	0	1	0	1
CWO4	6004		6	0	6	0	6	0	6	0	6	0	6
LT	6002		6	0	6	0	6	0	6	0	6	0	6
LT	7565		90	0	90	0	90	0	90	0	90	0	90
LTCOL	7565		7	0	7	0	7	0	7	0	7	0	7
MAJ	0602		1	0	1	0	1	0	1	0	1	0	1
MAJ	5803		1	0	1	0	1	0	1	0	1	0	1
MAJ	6002		1	0	1	0	1	0	1	0	1	0	1
MAJ	6602		1	0	1	0	1	0	1	0	1	0	1
MAJ	7565		46	0	46	0	46	0	46	0	46	0	46
Fleet Support Billets USMC and AR													
CAPT	0402		3	0	3	0	3	0	3	0	3	0	3
CAPT	6002		3	0	3	0	3	0	3	0	3	0	3
CAPT	6004		1	0	1	0	1	0	1	0	1	0	1
CAPT	6302		1	0	1	0	1	0	1	0	1	0	1
CAPT	6502		1	0	1	0	1	0	1	0	1	0	1
CAPT	6602		4	0	4	0	4	0	4	0	4	0	4
CAPT	7565		9	0	9	0	9	0	9	0	9	0	9
CAPT	9957	7565	3	0	3	0	3	0	3	0	3	0	3
CWO2	6004		1	0	1	0	1	0	1	0	1	0	1
CWO2	6604		2	0	2	0	2	0	2	0	2	0	2
CWO3	0170		2	0	2	0	2	0	2	0	2	0	2
CWO3	6004		1	0	1	0	1	0	1	0	1	0	1
CWO3	6604		1	0	1	0	1	0	1	0	1	0	1
CWO4	6004		2	0	2	0	2	0	2	0	2	0	2
CWO4	6302		3	0	3	0	3	0	3	0	3	0	3
LT	6002		2	0	2	0	2	0	2	0	2	0	2
LT	6602		5	0	5	0	5	0	5	0	5	0	5
LTCOL	6002		1	0	1	0	1	0	1	0	1	0	1
LTCOL	6602		1	0	1	0	1	0	1	0	1	0	1
LTCOL	7565		3	0	3	0	3	0	3	0	3	0	3
LTCOL	9957	7565	1	0	1	0	1	0	1	0	1	0	1
LTCOL	9958	7565	6	0	6	0	6	0	6	0	6	0	6
MAJ	6002		1	0	1	0	1	0	1	0	1	0	1
MAJ	6004		2	0	2	0	2	0	2	0	2	0	2
MAJ	6602		1	0	1	0	1	0	1	0	1	0	1

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
MAJ	7565		12	0	12	0	12	0	12	0	12	0	12
MAJ	7565	9957	1	0	1	0	1	0	1	0	1	0	1
MAJ	9957	7565	1	0	1	0	1	0	1	0	1	0	1
MAJ	9958	7565	2	0	2	0	2	0	2	0	2	0	2
WO	6004		1	0	1	0	1	0	1	0	1	0	1
Staff Billets USMC and AR													
CAPT	7565		19	0	19	0	19	0	19	0	19	0	19
MAJ	7565		5	0	5	0	5	0	5	0	5	0	5
Chargeable Student Billets USMC and AR				27	0	27	0	27	0	27	0	27	
SMCR Billets													
CAPT	6004		1	0	1	0	1	0	1	0	1	0	1
CAPT	6302		2	0	2	0	2	0	2	0	2	0	2
CAPT	6502		2	0	2	0	2	0	2	0	2	0	2
CAPT	6602		2	0	2	0	2	0	2	0	2	0	2
CAPT	7565		28	0	28	0	28	0	28	0	28	0	28
CWO2	6004		1	0	1	0	1	0	1	0	1	0	1
CWO2	6302		1	0	1	0	1	0	1	0	1	0	1
CWO2	6604		4	0	4	0	4	0	4	0	4	0	4
CWO3	0170		1	0	1	0	1	0	1	0	1	0	1
LT	6002		5	0	5	0	5	0	5	0	5	0	5
LT	6602		7	0	7	0	7	0	7	0	7	0	7
LT	7565		36	0	36	0	36	0	36	0	36	0	36
LTCOL	6002		2	0	2	0	2	0	2	0	2	0	2
LTCOL	6602		2	0	2	0	2	0	2	0	2	0	2
LTCOL	7565		2	0	2	0	2	0	2	0	2	0	2
MAJ	6002		2	0	2	0	2	0	2	0	2	0	2
MAJ	6004		1	0	1	0	1	0	1	0	1	0	1
MAJ	6602		2	0	2	0	2	0	2	0	2	0	2
MAJ	7565		6	0	6	0	6	0	6	0	6	0	6
WO	6004		1	0	1	0	1	0	1	0	1	0	1
<b>TOTAL USMC OFFICER BILLETS:</b>													
Operational				334	0	334	0	334	0	334	0	334	
Fleet Support				77	0	77	0	77	0	77	0	77	
Staff				24	0	24	0	24	0	24	0	24	
Chargeable Student				27	0	27	0	27	0	27	0	27	
SMCR				108	0	108	0	108	0	108	0	108	

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM

#### d. ENLISTED - USMC

Operational Billets USMC and AR

CPL	0121		27	0	27	0	27	0	27	0	27	0	27
CPL	0151		11	0	11	0	11	0	11	0	11	0	11
CPL	0431		1	0	1	0	1	0	1	0	1	0	1
CPL	2161		1	0	1	0	1	0	1	0	1	0	1
CPL	5711		1	0	1	0	1	0	1	0	1	0	1
CPL	5811		21	0	21	0	21	0	21	0	21	0	21
CPL	5812		3	0	3	0	3	0	3	0	3	0	3
CPL	6033		1	0	1	0	1	0	1	0	1	0	1
CPL	6034		2	0	2	0	2	0	2	0	2	0	2
CPL	6042		8	0	8	0	8	0	8	0	8	0	8
CPL	6043		1	0	1	0	1	0	1	0	1	0	1
CPL	6046		51	0	51	0	51	0	51	0	51	0	51
CPL	6048		49	0	49	0	49	0	49	0	49	0	49
CPL	6062		23	0	23	0	23	0	23	0	23	0	23
CPL	6072		4	0	4	0	4	0	4	0	4	0	4
CPL	6073		24	0	24	0	24	0	24	0	24	0	24
CPL	6092		1	0	1	0	1	0	1	0	1	0	1
CPL	6112		1	0	1	0	1	0	1	0	1	0	1
CPL	6113		6	0	6	0	6	0	6	0	6	0	6
CPL	6114		121	0	121	0	121	0	121	0	121	0	121
CPL	6123		1	0	1	0	1	0	1	0	1	0	1
CPL	6124		22	0	22	0	22	0	22	0	22	0	22
CPL	6132		1	0	1	0	1	0	1	0	1	0	1
CPL	6152		5	0	5	0	5	0	5	0	5	0	5
CPL	6153		3	0	3	0	3	0	3	0	3	0	3
CPL	6154		113	0	113	0	113	0	113	0	113	0	113
CPL	6172		8	0	8	0	8	0	8	0	8	0	8
CPL	6173		11	0	11	0	11	0	11	0	11	0	11
CPL	6174		58	0	58	0	58	0	58	0	58	0	58
CPL	6322		3	0	3	0	3	0	3	0	3	0	3
CPL	6323		6	0	6	0	6	0	6	0	6	0	6
CPL	6324		136	0	136	0	136	0	136	0	136	0	136
CPL	6412		2	0	2	0	2	0	2	0	2	0	2
CPL	6413		2	0	2	0	2	0	2	0	2	0	2
CPL	6423		3	0	3	0	3	0	3	0	3	0	3
CPL	6433		26	0	26	0	26	0	26	0	26	0	26
CPL	6483		24	0	24	0	24	0	24	0	24	0	24
CPL	6492		7	0	7	0	7	0	7	0	7	0	7
CPL	6531		78	0	78	0	78	0	78	0	78	0	78
CPL	6541		44	0	44	0	44	0	44	0	44	0	44
CPL	6672		3	0	3	0	3	0	3	0	3	0	3
CPL	6694		2	0	2	0	2	0	2	0	2	0	2
CPL	7041		6	0	6	0	6	0	6	0	6	0	6
GYSGT	0193		3	0	3	0	3	0	3	0	3	0	3
GYSGT	0369		1	0	1	0	1	0	1	0	1	0	1
GYSGT	0491		1	0	1	0	1	0	1	0	1	0	1

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
GYSGT	0629		2	0	2	0	2	0	2	0	2	0	2
GYSGT	4066		4	0	4	0	4	0	4	0	4	0	4
GYSGT	5811		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6012		18	0	18	0	18	0	18	0	18	0	18
GYSGT	6046		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6048		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6092		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6112		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6113		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6114		28	0	28	0	28	0	28	0	28	0	28
GYSGT	6122		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6123		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6124		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6152		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6153		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6154		26	0	26	0	26	0	26	0	26	0	26
GYSGT	6172		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6174		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6322		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6323		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6324		26	0	26	0	26	0	26	0	26	0	26
GYSGT	6414		2	0	2	0	2	0	2	0	2	0	2
GYSGT	6434		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6531		31	0	31	0	31	0	31	0	31	0	31
GYSGT	6672		2	0	2	0	2	0	2	0	2	0	2
GYSGT	7041		2	0	2	0	2	0	2	0	2	0	2
GYSGT	9954		18	0	18	0	18	0	18	0	18	0	18
LCPL	0121		28	0	28	0	28	0	28	0	28	0	28
LCPL	0151		8	0	8	0	8	0	8	0	8	0	8
LCPL	0231		18	0	18	0	18	0	18	0	18	0	18
LCPL	0431		30	0	30	0	30	0	30	0	30	0	30
LCPL	1391		1	0	1	0	1	0	1	0	1	0	1
LCPL	2111		9	0	9	0	9	0	9	0	9	0	9
LCPL	5711		1	0	1	0	1	0	1	0	1	0	1
LCPL	5811		96	0	96	0	96	0	96	0	96	0	96
LCPL	6042		7	0	7	0	7	0	7	0	7	0	7
LCPL	6043		40	0	40	0	40	0	40	0	40	0	40
LCPL	6046		22	0	22	0	22	0	22	0	22	0	22
LCPL	6048		7	0	7	0	7	0	7	0	7	0	7
LCPL	6062		22	0	22	0	22	0	22	0	22	0	22
LCPL	6072		26	0	26	0	26	0	26	0	26	0	26
LCPL	6073		2	0	2	0	2	0	2	0	2	0	2
LCPL	6092		4	0	4	0	4	0	4	0	4	0	4
LCPL	6112		4	0	4	0	4	0	4	0	4	0	4
LCPL	6113		16	0	16	0	16	0	16	0	16	0	16
LCPL	6114		247	0	247	0	247	0	247	0	247	0	247
LCPL	6122		4	0	4	0	4	0	4	0	4	0	4
LCPL	6123		2	0	2	0	2	0	2	0	2	0	2
LCPL	6124		5	0	5	0	5	0	5	0	5	0	5
LCPL	6132		24	0	24	0	24	0	24	0	24	0	24

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LCPL	6152		1	0	1	0	1	0	1	0	1	0	1
LCPL	6153		6	0	6	0	6	0	6	0	6	0	6
LCPL	6154		193	0	193	0	193	0	193	0	193	0	193
LCPL	6172		8	0	8	0	8	0	8	0	8	0	8
LCPL	6173		10	0	10	0	10	0	10	0	10	0	10
LCPL	6174		51	0	51	0	51	0	51	0	51	0	51
LCPL	6322		5	0	5	0	5	0	5	0	5	0	5
LCPL	6323		7	0	7	0	7	0	7	0	7	0	7
LCPL	6324		141	0	141	0	141	0	141	0	141	0	141
LCPL	6412		3	0	3	0	3	0	3	0	3	0	3
LCPL	6413		25	0	25	0	25	0	25	0	25	0	25
LCPL	6422		4	0	4	0	4	0	4	0	4	0	4
LCPL	6422	6412	18	0	18	0	18	0	18	0	18	0	18
LCPL	6423		2	0	2	0	2	0	2	0	2	0	2
LCPL	6433		18	0	18	0	18	0	18	0	18	0	18
LCPL	6483		5	0	5	0	5	0	5	0	5	0	5
LCPL	6492		44	0	44	0	44	0	44	0	44	0	44
LCPL	6531		96	0	96	0	96	0	96	0	96	0	96
LCPL	6541		65	0	65	0	65	0	65	0	65	0	65
LCPL	6672		39	0	39	0	39	0	39	0	39	0	39
LCPL	6694		2	0	2	0	2	0	2	0	2	0	2
LCPL	7041		28	0	28	0	28	0	28	0	28	0	28
MGYSGT	6019		3	0	3	0	3	0	3	0	3	0	3
MGYSGT	6391		3	0	3	0	3	0	3	0	3	0	3
MGYSGT	6672		1	0	1	0	1	0	1	0	1	0	1
MSGT	0193		8	0	8	0	8	0	8	0	8	0	8
MSGT	0691		1	0	1	0	1	0	1	0	1	0	1
MSGT	6019		14	0	14	0	14	0	14	0	14	0	14
MSGT	6391		8	0	8	0	8	0	8	0	8	0	8
SGT	0121		1	0	1	0	1	0	1	0	1	0	1
SGT	0151		9	0	9	0	9	0	9	0	9	0	9
SGT	0431		8	0	8	0	8	0	8	0	8	0	8
SGT	1391		1	0	1	0	1	0	1	0	1	0	1
SGT	3043		1	0	1	0	1	0	1	0	1	0	1
SGT	3052		1	0	1	0	1	0	1	0	1	0	1
SGT	5811		14	0	14	0	14	0	14	0	14	0	14
SGT	5812		1	0	1	0	1	0	1	0	1	0	1
SGT	6012		36	0	36	0	36	0	36	0	36	0	36
SGT	6033		24	0	24	0	24	0	24	0	24	0	24
SGT	6042		1	0	1	0	1	0	1	0	1	0	1
SGT	6043		1	0	1	0	1	0	1	0	1	0	1
SGT	6046		10	0	10	0	10	0	10	0	10	0	10
SGT	6048		4	0	4	0	4	0	4	0	4	0	4
SGT	6062		3	0	3	0	3	0	3	0	3	0	3
SGT	6072		30	0	30	0	30	0	30	0	30	0	30
SGT	6073		1	0	1	0	1	0	1	0	1	0	1
SGT	6112		11	0	11	0	11	0	11	0	11	0	11
SGT	6113		7	0	7	0	7	0	7	0	7	0	7
SGT	6114		91	0	91	0	91	0	91	0	91	0	91
SGT	6122		1	0	1	0	1	0	1	0	1	0	1

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/	PNEC/	SNEC/	BILLET	CFY03	FY04	FY05	FY06	FY07
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RATING	PMOS	SMOS	BASE	+/-	CUM								
SGT	6124		25	0	25	0	25	0	25	0	25	0	25
SGT	6132		1	0	1	0	1	0	1	0	1	0	1
SGT	6152		3	0	3	0	3	0	3	0	3	0	3
SGT	6153		7	0	7	0	7	0	7	0	7	0	7
SGT	6154		72	0	72	0	72	0	72	0	72	0	72
SGT	6172		7	0	7	0	7	0	7	0	7	0	7
SGT	6173		14	0	14	0	14	0	14	0	14	0	14
SGT	6174		29	0	29	0	29	0	29	0	29	0	29
SGT	6177		2	0	2	0	2	0	2	0	2	0	2
SGT	6177	6174	6	0	6	0	6	0	6	0	6	0	6
SGT	6322		4	0	4	0	4	0	4	0	4	0	4
SGT	6323		7	0	7	0	7	0	7	0	7	0	7
SGT	6324		73	0	73	0	73	0	73	0	73	0	73
SGT	6413		22	0	22	0	22	0	22	0	22	0	22
SGT	6433		3	0	3	0	3	0	3	0	3	0	3
SGT	6483		1	0	1	0	1	0	1	0	1	0	1
SGT	6492		2	0	2	0	2	0	2	0	2	0	2
SGT	6531		49	0	49	0	49	0	49	0	49	0	49
SGT	6541		25	0	25	0	25	0	25	0	25	0	25
SGT	6672		27	0	27	0	27	0	27	0	27	0	27
SGT	6694		1	0	1	0	1	0	1	0	1	0	1
SGT	7041		2	0	2	0	2	0	2	0	2	0	2
SGT	8421		6	0	6	0	6	0	6	0	6	0	6
SGTMAJ	6019		1	0	1	0	1	0	1	0	1	0	1
SGTMAJ	9999		8	0	8	0	8	0	8	0	8	0	8
SSGT	0193		10	0	10	0	10	0	10	0	10	0	10
SSGT	0211		1	0	1	0	1	0	1	0	1	0	1
SSGT	0231		8	0	8	0	8	0	8	0	8	0	8
SSGT	0629		10	0	10	0	10	0	10	0	10	0	10
SSGT	5811		4	0	4	0	4	0	4	0	4	0	4
SSGT	6012		18	0	18	0	18	0	18	0	18	0	18
SSGT	6033		1	0	1	0	1	0	1	0	1	0	1
SSGT	6042		2	0	2	0	2	0	2	0	2	0	2
SSGT	6046		32	0	32	0	32	0	32	0	32	0	32
SSGT	6048		26	0	26	0	26	0	26	0	26	0	26
SSGT	6062		1	0	1	0	1	0	1	0	1	0	1
SSGT	6072		1	0	1	0	1	0	1	0	1	0	1
SSGT	6112		9	0	9	0	9	0	9	0	9	0	9
SSGT	6113		6	0	6	0	6	0	6	0	6	0	6
SSGT	6114		52	0	52	0	52	0	52	0	52	0	52
SSGT	6122		5	0	5	0	5	0	5	0	5	0	5
SSGT	6123		1	0	1	0	1	0	1	0	1	0	1
SSGT	6124		22	0	22	0	22	0	22	0	22	0	22
SSGT	6152		4	0	4	0	4	0	4	0	4	0	4
SSGT	6153		3	0	3	0	3	0	3	0	3	0	3
SSGT	6154		31	0	31	0	31	0	31	0	31	0	31
SSGT	6172		6	0	6	0	6	0	6	0	6	0	6
SSGT	6173		3	0	3	0	3	0	3	0	3	0	3
SSGT	6174		24	0	24	0	24	0	24	0	24	0	24
SSGT	6322		5	0	5	0	5	0	5	0	5	0	5

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/RATING	PNEC/PMOS	SNEC/SMOS	BILLET BASE	+/-	CFY03 CUM	+/-	FY04 CUM	+/-	FY05 CUM	+/-	FY06 CUM	+/-	FY07 CUM
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SSGT	6323	6	0	6	0	6	0	6	0	6	0	6
SSGT	6324	46	0	46	0	46	0	46	0	46	0	46
SSGT	6414	3	0	3	0	3	0	3	0	3	0	3
SSGT	6434	1	0	1	0	1	0	1	0	1	0	1
SSGT	6492	1	0	1	0	1	0	1	0	1	0	1
SSGT	6531	24	0	24	0	24	0	24	0	24	0	24
SSGT	6672	1	0	1	0	1	0	1	0	1	0	1
SSGT	6694	2	0	2	0	2	0	2	0	2	0	2
SSGT	7041	11	0	11	0	11	0	11	0	11	0	11
SSGT	8421	4	0	4	0	4	0	4	0	4	0	4
SSGT	8711	9	0	9	0	9	0	9	0	9	0	9
SSGT	9954	1	0	1	0	1	0	1	0	1	0	1
	5811	1	0	1	0	1	0	1	0	1	0	1

#### Fleet Support Billets USMC and AR

CPL	0121	3	0	3	0	3	0	3	0	3	0	3
CPL	0151	1	0	1	0	1	0	1	0	1	0	1
CPL	0431	1	0	1	0	1	0	1	0	1	0	1
CPL	3052	1	0	1	0	1	0	1	0	1	0	1
CPL	6042	1	0	1	0	1	0	1	0	1	0	1
CPL	6046	2	0	2	0	2	0	2	0	2	0	2
CPL	6048	3	0	3	0	3	0	3	0	3	0	3
CPL	6062	1	0	1	0	1	0	1	0	1	0	1
CPL	6073	4	0	4	0	4	0	4	0	4	0	4
CPL	6074	2	0	2	0	2	0	2	0	2	0	2
CPL	6114	7	0	7	0	7	0	7	0	7	0	7
CPL	6124	12	0	12	0	12	0	12	0	12	0	12
CPL	6124	5	0	5	0	5	0	5	0	5	0	5
6023	6132	4	0	4	0	4	0	4	0	4	0	4
	6154	3	0	3	0	3	0	3	0	3	0	3
	6324	1	0	1	0	1	0	1	0	1	0	1
	6423	1	0	1	0	1	0	1	0	1	0	1
	6433	4	0	4	0	4	0	4	0	4	0	4
	6492	1	0	1	0	1	0	1	0	1	0	1
	6531	5	0	5	0	5	0	5	0	5	0	5
	6541	2	0	2	0	2	0	2	0	2	0	2
	6672	24	0	24	0	24	0	24	0	24	0	24
	6694	5	0	5	0	5	0	5	0	5	0	5
GYSGT	0491	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6042	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6046	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6048	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6072	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6073	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6074	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6092	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6114	6	0	6	0	6	0	6	0	6	0	6
GYSGT	6123	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6124	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6132	2	0	2	0	2	0	2	0	2	0	2

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	FY04 CUM	FY05 +/-	FY06 CUM	FY07 +/-	FY07 CUM
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GYSGT	6324	7	0	7	0	7	0	7	0	7	0	7
GYSGT	6414	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6434	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6483	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6492	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6531	6	0	6	0	6	0	6	0	6	0	6
GYSGT	6541	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6672	9	0	9	0	9	0	9	0	9	0	9
GYSGT	6694	2	0	2	0	2	0	2	0	2	0	2
GYSGT	9960	6114	1	0	1	0	1	0	1	0	1	0
LCPL	0121		4	0	4	0	4	0	4	0	4	0
LCPL	0151		5	0	5	0	5	0	5	0	5	0
LCPL	0431		1	0	1	0	1	0	1	0	1	0
LCPL	2111		3	0	3	0	3	0	3	0	3	0
LCPL	2161		4	0	4	0	4	0	4	0	4	0
LCPL	3052		1	0	1	0	1	0	1	0	1	0
LCPL	6042		5	0	5	0	5	0	5	0	5	0
LCPL	6046		10	0	10	0	10	0	10	0	10	0
LCPL	6048		5	0	5	0	5	0	5	0	5	0
LCPL	6072		5	0	5	0	5	0	5	0	5	0
LCPL	6073		5	0	5	0	5	0	5	0	5	0
LCPL	6074		3	0	3	0	3	0	3	0	3	0
LCPL	6092		1	0	1	0	1	0	1	0	1	0
LCPL	6114		5	0	5	0	5	0	5	0	5	0
LCPL	6124		24	0	24	0	24	0	24	0	24	0
LCPL	6154		2	0	2	0	2	0	2	0	2	0
LCPL	6324		1	0	1	0	1	0	1	0	1	0
LCPL	6412		1	0	1	0	1	0	1	0	1	0
LCPL	6423		5	0	5	0	5	0	5	0	5	0
LCPL	6433		3	0	3	0	3	0	3	0	3	0
LCPL	6483		5	0	5	0	5	0	5	0	5	0
LCPL	6492		3	0	3	0	3	0	3	0	3	0
LCPL	6541		8	0	8	0	8	0	8	0	8	0
LCPL	6672		25	0	25	0	25	0	25	0	25	0
LCPL	6694		13	0	13	0	13	0	13	0	13	0
MGYSGT	6019	3	0	3	0	3	0	3	0	3	0	3
MGYSGT	6391	2	0	2	0	2	0	2	0	2	0	2
MGYSGT	6591	1	0	1	0	1	0	1	0	1	0	1
MGYSGT	6672	1	0	1	0	1	0	1	0	1	0	1
MSGT	0193	2	0	2	0	2	0	2	0	2	0	2
MSGT	0369	3	0	3	0	3	0	3	0	3	0	3
MSGT	6019	3	0	3	0	3	0	3	0	3	0	3
MSGT	6046	2	0	2	0	2	0	2	0	2	0	2
MSGT	6391	1	0	1	0	1	0	1	0	1	0	1
MSGT	6672	4	0	4	0	4	0	4	0	4	0	4
SGT	0121	2	0	2	0	2	0	2	0	2	0	2
SGT	0311	1	0	1	0	1	0	1	0	1	0	1
SGT	2111	1	0	1	0	1	0	1	0	1	0	1
SGT	3052	2	0	2	0	2	0	2	0	2	0	2
SGT	6033	2	0	2	0	2	0	2	0	2	0	2

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SGT	6042		1	0	1	0	1	0	1	0	1	0	1

SGT	6046	6	0	6	0	6	0	6	0	6	0	6
SGT	6048	5	0	5	0	5	0	5	0	5	0	5
SGT	6072	6	0	6	0	6	0	6	0	6	0	6
SGT	6073	6	0	6	0	6	0	6	0	6	0	6
SGT	6074	2	0	2	0	2	0	2	0	2	0	2
SGT	6092	3	0	3	0	3	0	3	0	3	0	3
SGT	6114	1	0	1	0	1	0	1	0	1	0	1
SGT	6124	7	0	7	0	7	0	7	0	7	0	7
SGT	6124	6023	5	0	5	0	5	0	5	0	5	0
SGT	6132	3	0	3	0	3	0	3	0	3	0	3
SGT	6154	1	0	1	0	1	0	1	0	1	0	1
SGT	6226	1	0	1	0	1	0	1	0	1	0	1
SGT	6324	1	0	1	0	1	0	1	0	1	0	1
SGT	6423	2	0	2	0	2	0	2	0	2	0	2
SGT	6433	2	0	2	0	2	0	2	0	2	0	2
SGT	6483	2	0	2	0	2	0	2	0	2	0	2
SGT	6492	3	0	3	0	3	0	3	0	3	0	3
SGT	6531	9	0	9	0	9	0	9	0	9	0	9
SGT	6541	3	0	3	0	3	0	3	0	3	0	3
SGT	6672	19	0	19	0	19	0	19	0	19	0	19
SGT	6694	6	0	6	0	6	0	6	0	6	0	6
SGT	8711	2	0	2	0	2	0	2	0	2	0	2
SGT	9956	1	0	1	0	1	0	1	0	1	0	1
SGTMAJ	9999	1	0	1	0	1	0	1	0	1	0	1
SSGT	6033	3	0	3	0	3	0	3	0	3	0	3
SSGT	6042	1	0	1	0	1	0	1	0	1	0	1
SSGT	6046	3	0	3	0	3	0	3	0	3	0	3
SSGT	6048	3	0	3	0	3	0	3	0	3	0	3
SSGT	6062	3	0	3	0	3	0	3	0	3	0	3
SSGT	6072	4	0	4	0	4	0	4	0	4	0	4
SSGT	6073	4	0	4	0	4	0	4	0	4	0	4
SSGT	6074	1	0	1	0	1	0	1	0	1	0	1
SSGT	6092	1	0	1	0	1	0	1	0	1	0	1
SSGT	6114	9	0	9	0	9	0	9	0	9	0	9
SSGT	6124	5	0	5	0	5	0	5	0	5	0	5
SSGT	6124	6023	3	0	3	0	3	0	3	0	3	0
SSGT	6132	2	0	2	0	2	0	2	0	2	0	2
SSGT	6154	6	0	6	0	6	0	6	0	6	0	6
SSGT	6154	9954	1	0	1	0	1	0	1	0	1	0
SSGT	6324	4	0	4	0	4	0	4	0	4	0	4
SSGT	6414	5	0	5	0	5	0	5	0	5	0	5
SSGT	6434	4	0	4	0	4	0	4	0	4	0	4
SSGT	6483	1	0	1	0	1	0	1	0	1	0	1
SSGT	6492	2	0	2	0	2	0	2	0	2	0	2
SSGT	6531	12	0	12	0	12	0	12	0	12	0	12
SSGT	6541	6	0	6	0	6	0	6	0	6	0	6
SSGT	6672	14	0	14	0	14	0	14	0	14	0	14
SSGT	6694	3	0	3	0	3	0	3	0	3	0	3
SSGT	8421	2	0	2	0	2	0	2	0	2	0	2

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM	FY07 +/-	CUM
Staff Billets USMC and AR													
CPL	6132		2	0	2	0	2	0	2	0	2	0	2

CPL	6154	1	0	1	0	1	0	1	0	1	0	1
CPL	6531	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6074	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6114	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6124	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6324	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6414	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6531	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6541	2	0	2	0	2	0	2	0	2	0	2
MSGT	6591	2	0	2	0	2	0	2	0	2	0	2
SGT	6074	5	0	5	0	5	0	5	0	5	0	5
SGT	6114	20	0	20	0	20	0	20	0	20	0	20
SGT	6124	1	0	1	0	1	0	1	0	1	0	1
SGT	6324	12	0	12	0	12	0	12	0	12	0	12
SGT	6412	5	0	5	0	5	0	5	0	5	0	5
SGT	6413	4	0	4	0	4	0	4	0	4	0	4
SGT	6433	2	0	2	0	2	0	2	0	2	0	2
SGT	6483	4	0	4	0	4	0	4	0	4	0	4
SGT	6531	8	0	8	0	8	0	8	0	8	0	8
SGT	6541	16	0	16	0	16	0	16	0	16	0	16
SSGT	6074	1	0	1	0	1	0	1	0	1	0	1
SSGT	6114	6	0	6	0	6	0	6	0	6	0	6
SSGT	6132	1	0	1	0	1	0	1	0	1	0	1
SSGT	6154	4	0	4	0	4	0	4	0	4	0	4
SSGT	6324	6	0	6	0	6	0	6	0	6	0	6
SSGT	6414	4	0	4	0	4	0	4	0	4	0	4
SSGT	6434	9	0	9	0	9	0	9	0	9	0	9
SSGT	6531	3	0	3	0	3	0	3	0	3	0	3
SSGT	6541	2	0	2	0	2	0	2	0	2	0	2

#### Chargeable Student Billets USMC and AR

92	0	92	0	92	0	92	0	92	0	92
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#### SMCR Billets

CPL	0151	2	0	2	0	2	0	2	0	2	0	2
CPL	0431	2	0	2	0	2	0	2	0	2	0	2
CPL	3052	2	0	2	0	2	0	2	0	2	0	2
CPL	6042	2	0	2	0	2	0	2	0	2	0	2
CPL	6046	5	0	5	0	5	0	5	0	5	0	5
CPL	6048	8	0	8	0	8	0	8	0	8	0	8
CPL	6062	4	0	4	0	4	0	4	0	4	0	4
CPL	6073	4	0	4	0	4	0	4	0	4	0	4
CPL	6074	3	0	3	0	3	0	3	0	3	0	3
CPL	6092	9	0	9	0	9	0	9	0	9	0	9
CPL	6114	21	0	21	0	21	0	21	0	21	0	21
CPL	6124	5	0	5	0	5	0	5	0	5	0	5
CPL	6132	8	0	8	0	8	0	8	0	8	0	8
CPL	6154	22	0	22	0	22	0	22	0	22	0	22

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
CPL	6174		10	0	10	0	10	0	10	0	10	0	10
CPL	6226		2	0	2	0	2	0	2	0	2	0	2
CPL	6324		28	0	28	0	28	0	28	0	28	0	28

CPL	6413	1	0	1	0	1	0	1	0	1	0	1
CPL	6423	1	0	1	0	1	0	1	0	1	0	1
CPL	6433	2	0	2	0	2	0	2	0	2	0	2
CPL	6483	2	0	2	0	2	0	2	0	2	0	2
CPL	6492	2	0	2	0	2	0	2	0	2	0	2
CPL	6531	6	0	6	0	6	0	6	0	6	0	6
CPL	6541	5	0	5	0	5	0	5	0	5	0	5
CPL	6672	27	0	27	0	27	0	27	0	27	0	27
CPL	6694	7	0	7	0	7	0	7	0	7	0	7
GYSGT	0491	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6042	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6046	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6048	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6072	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6073	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6074	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6092	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6114	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6123	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6124	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6132	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6154	4	0	4	0	4	0	4	0	4	0	4
GYSGT	6324	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6414	8	0	8	0	8	0	8	0	8	0	8
GYSGT	6434	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6492	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6531	2	0	2	0	2	0	2	0	2	0	2
GYSGT	6541	3	0	3	0	3	0	3	0	3	0	3
GYSGT	6672	9	0	9	0	9	0	9	0	9	0	9
GYSGT	6694	1	0	1	0	1	0	1	0	1	0	1
LCPL	0121	2	0	2	0	2	0	2	0	2	0	2
LCPL	0151	3	0	3	0	3	0	3	0	3	0	3
LCPL	0231	6	0	6	0	6	0	6	0	6	0	6
LCPL	0431	6	0	6	0	6	0	6	0	6	0	6
LCPL	3052	2	0	2	0	2	0	2	0	2	0	2
LCPL	6042	6	0	6	0	6	0	6	0	6	0	6
LCPL	6046	18	0	18	0	18	0	18	0	18	0	18
LCPL	6048	10	0	10	0	10	0	10	0	10	0	10
LCPL	6062	4	0	4	0	4	0	4	0	4	0	4
LCPL	6072	6	0	6	0	6	0	6	0	6	0	6
LCPL	6073	4	0	4	0	4	0	4	0	4	0	4
LCPL	6074	10	0	10	0	10	0	10	0	10	0	10
LCPL	6092	1	0	1	0	1	0	1	0	1	0	1
LCPL	6114	35	0	35	0	35	0	35	0	35	0	35
LCPL	6132	2	0	2	0	2	0	2	0	2	0	2
LCPL	6154	37	0	37	0	37	0	37	0	37	0	37
LCPL	6174	8	0	8	0	8	0	8	0	8	0	8

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LCPL	6324		18	0	18	0	18	0	18	0	18	0	18
LCPL	6412		2	0	2	0	2	0	2	0	2	0	2
LCPL	6413		8	0	8	0	8	0	8	0	8	0	8
LCPL	6422		2	0	2	0	2	0	2	0	2	0	2

LCPL	6423	3	0	3	0	3	0	3	0	3	0	3
LCPL	6433	8	0	8	0	8	0	8	0	8	0	8
LCPL	6483	7	0	7	0	7	0	7	0	7	0	7
LCPL	6492	10	0	10	0	10	0	10	0	10	0	10
LCPL	6531	14	0	14	0	14	0	14	0	14	0	14
LCPL	6541	17	0	17	0	17	0	17	0	17	0	17
LCPL	6672	49	0	49	0	49	0	49	0	49	0	49
LCPL	6694	20	0	20	0	20	0	20	0	20	0	20
MGYSGT	6391	1	0	1	0	1	0	1	0	1	0	1
MGYSGT	6591	2	0	2	0	2	0	2	0	2	0	2
MGYSGT	6672	2	0	2	0	2	0	2	0	2	0	2
MSGT	0193	1	0	1	0	1	0	1	0	1	0	1
MSGT	6019	6	0	6	0	6	0	6	0	6	0	6
MSGT	6046	1	0	1	0	1	0	1	0	1	0	1
MSGT	6391	2	0	2	0	2	0	2	0	2	0	2
MSGT	6672	2	0	2	0	2	0	2	0	2	0	2
SGT	0121	1	0	1	0	1	0	1	0	1	0	1
SGT	0311	3	0	3	0	3	0	3	0	3	0	3
SGT	2111	2	0	2	0	2	0	2	0	2	0	2
SGT	3052	1	0	1	0	1	0	1	0	1	0	1
SGT	6033	1	0	1	0	1	0	1	0	1	0	1
SGT	6042	2	0	2	0	2	0	2	0	2	0	2
SGT	6046	6	0	6	0	6	0	6	0	6	0	6
SGT	6048	4	0	4	0	4	0	4	0	4	0	4
SGT	6072	11	0	11	0	11	0	11	0	11	0	11
SGT	6073	1	0	1	0	1	0	1	0	1	0	1
SGT	6074	3	0	3	0	3	0	3	0	3	0	3
SGT	6092	3	0	3	0	3	0	3	0	3	0	3
SGT	6114	9	0	9	0	9	0	9	0	9	0	9
SGT	6124	2	0	2	0	2	0	2	0	2	0	2
SGT	6132	3	0	3	0	3	0	3	0	3	0	3
SGT	6154	6	0	6	0	6	0	6	0	6	0	6
SGT	6226	1	0	1	0	1	0	1	0	1	0	1
SGT	6324	11	0	11	0	11	0	11	0	11	0	11
SGT	6413	3	0	3	0	3	0	3	0	3	0	3
SGT	6483	4	0	4	0	4	0	4	0	4	0	4
SGT	6492	3	0	3	0	3	0	3	0	3	0	3
SGT	6531	4	0	4	0	4	0	4	0	4	0	4
SGT	6541	2	0	2	0	2	0	2	0	2	0	2
SGT	6672	23	0	23	0	23	0	23	0	23	0	23
SGT	6694	3	0	3	0	3	0	3	0	3	0	3
SGT	9956	2	0	2	0	2	0	2	0	2	0	2
SGTMAJ	9999	4	0	4	0	4	0	4	0	4	0	4
SSGT	0193	1	0	1	0	1	0	1	0	1	0	1
SSGT	2161	2	0	2	0	2	0	2	0	2	0	2
SSGT	6042	2	0	2	0	2	0	2	0	2	0	2

#### II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
SSGT	6046		5	0	5	0	5	0	5	0	5	0	5
SSGT	6048	3	0	3	0	3	0	3	0	3	0	3	
SSGT	6062	6	0	6	0	6	0	6	0	6	0	6	
SSGT	6072	2	0	2	0	2	0	2	0	2	0	2	
SSGT	6073	6	0	6	0	6	0	6	0	6	0	6	

SSGT	6074	4	0	4	0	4	0	4	0	4	0	4
SSGT	6092	4	0	4	0	4	0	4	0	4	0	4
SSGT	6114	7	0	7	0	7	0	7	0	7	0	7
SSGT	6124	3	0	3	0	3	0	3	0	3	0	3
SSGT	6132	4	0	4	0	4	0	4	0	4	0	4
SSGT	6154	2	0	2	0	2	0	2	0	2	0	2
SSGT	6174	2	0	2	0	2	0	2	0	2	0	2
SSGT	6226	1	0	1	0	1	0	1	0	1	0	1
SSGT	6324	8	0	8	0	8	0	8	0	8	0	8
SSGT	6414	4	0	4	0	4	0	4	0	4	0	4
SSGT	6434	2	0	2	0	2	0	2	0	2	0	2
SSGT	6492	1	0	1	0	1	0	1	0	1	0	1
SSGT	6531	4	0	4	0	4	0	4	0	4	0	4
SSGT	6541	3	0	3	0	3	0	3	0	3	0	3
SSGT	6672	15	0	15	0	15	0	15	0	15	0	15
SSGT	6694	3	0	3	0	3	0	3	0	3	0	3
SSGT	8421	1	0	1	0	1	0	1	0	1	0	1

**TOTAL USMC ENLISTED BILLETS:**

Operational	3599	0	3599	0	3599	0	3599	0	3599	0	3599
Fleet Support	529	0	529	0	529	0	529	0	529	0	529
Staff	137	0	137	0	137	0	137	0	137	0	137
Chargeable Student	92	0	92	0	92	0	92	0	92	0	92
SMCR	802	0	802	0	802	0	802	0	802	0	802

## II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** NA1, AH-1W Fleet Replacement Basic and Transition Pilot Category I and II Pipeline

**COURSE LENGTH:** 22.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.44

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HMT-303, MCAS Camp Pendleton												
	USMC	USMC	33		33		33		33		33	
		AR	1		1		1		1		1	
		SMCR	3		3		3		3		3	
		TOTAL:	37		37		37		37		37	

**CIN, COURSE TITLE:** NA2, AH-1W Conversion Pilot

**COURSE LENGTH:** 16.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.32

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HMT-303, MCAS Camp Pendleton												
	USMC	USMC	33		33		33		33		33	
		AR	1		1		1		1		1	
		SMCR	3		3		3		3		3	
		TOTAL:	37		37		37		37		37	

**CIN, COURSE TITLE:** NA3, AH-1W Fleet Replacement Refresher Pilot Category III

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HMT-303, MCAS Camp Pendleton												
	USMC	USMC	8		8		8		8		8	
		AR	0		1		0		0		1	
		SMCR	1		1		1		1		1	
		TOTAL:	9		10		9		9		10	

**CIN, COURSE TITLE:** NA4, AH-1W FRS Instructor Pilot

**COURSE LENGTH:** 4.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.08

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
HMT-303, MCAS Camp Pendleton												
	USMC	USMC	8		8		8		8		8	
		AR	0		1		0		0		1	
		SMCR	1		1		1		1		1	
		TOTAL:	9		10		9		9		10	

## II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-102-2024, H-1 Communication Navigation Identification System Maintenance

**COURSE LENGTH:** 16.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.33

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton											
USMC	USMC		96		96		96		96		96
	AR		1		1		1		1		1
	SMCR		6		6		6		6		6
	TOTAL:		103		103		103		103		103

**CIN, COURSE TITLE:** M-601-2014, AH-1W and UH-1N Power Plants, Power Trains, and Rotors Maintenance

**COURSE LENGTH:** 8.8 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.18

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton											
USMC	USMC		121		121		121		121		121
	AR		6		6		6		6		6
	SMCR		7		7		7		7		7
	TOTAL:		134		134		134		134		134

**CIN, COURSE TITLE:** M-602-2081, Helicopter Airframe Mechanic A/UH-1

**COURSE LENGTH:** 4.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton											
USMC	USMC		96		96		96		96		96
	AR		3		3		3		3		3
	SMCR		7		7		7		7		7
	TOTAL:		106		106		106		106		106

**CIN, COURSE TITLE:** M-646-2044, Rotary Wing (H-1/CH-46/CH-53) Armament Systems Maintenance

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton											
USMC	USMC		64		64		64		64		64
	AR		4		4		4		4		4
	SMCR		3		3		3		3		3
	TOTAL:		71		71		71		71		71

## II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** D-102-6122, Cryptographic Equipment Intermediate Maintenance

**COURSE LENGTH:** 3.2 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
MTU 1039, NAMTRAU Oceana												
	USMC	USMC		2		2		2		2		2
	SMCR		0		0		0		0		0	
	TOTAL:			2		2		2		2		2

**CIN, COURSE TITLE:** E-102-6122, Cryptographic Equipment Intermediate Maintenance

**COURSE LENGTH:** 3.2 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.06

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
MTU 1038, NAMTRAU Lemoore												
	USMC	USMC		3		3		3		3		3
	SMCR		0		0		0		0		0	
	TOTAL:			3		3		3		3		3

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance

**COURSE LENGTH:** 9.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
NAMTRA MARUNIT, MCAS Cherry Point												
	USMC	USMC		11		11		11		11		11
	SMCR		1		1		1		1		1	
	TOTAL:			12		12		12		12		12

**CIN, COURSE TITLE:** M-102-6483, Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance

**COURSE LENGTH:** 12.8 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.26

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
NAMTRA MARUNIT, MCAS Cherry Point												
	USMC	USMC		9		9		9		9		9
	SMCR		0		0		1		0		0	
	TOTAL:			9		9		10		9		9

## II.B. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** M-601-3027, T-400/T-700 Engine First Degree Intermediate Maintenance

**COURSE LENGTH:** 9.2 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.18

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton												
USMC	USMC		28		28		28		28		28	
	SMCR		1		1		1		1		1	
	TOTAL:		29		29		29		29		29	

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance

**COURSE LENGTH:** 5.4 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
NAMTRA MARUNIT, MCAS New River												
USMC	USMC		9		9		9		9		9	
	SMCR		2		2		2		2		2	
	TOTAL:		11		11		11		11		11	

**CIN, COURSE TITLE:** E-602-4007, F-18 Hydraulic Components Intermediate Maintenance

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.16

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
MTU 1038, NAMTRAU Lemoore												
USMC	USMC		13		13		13		13		13	
	SMCR		1		1		1		1		1	
	TOTAL:		14		14		14		14		14	

**CIN, COURSE TITLE:** M-602-5811, H-1 Aircraft Electrical Instrument/Automatic Flight Control System Equipment Intermediate Maintenance

**COURSE LENGTH:** 10.0 Weeks

**ATTRITION FACTOR:** USMC: 0%

**BACKOUT FACTOR:** 0.20

TRAINING ACTIVITY	ACDU/TAR SOURCE	CFY03 SELRES	OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL	FY07 OFF	ENL
NAMTRA MARUNIT, MCAS Camp Pendleton												
USMC	USMC		13		13		13		13		13	
	SMCR		1		1		1		1		1	
	TOTAL:		14		14		14		14		14	

## II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: M-646-7026, Aviation Ordnance Technician Intermediate Maintenance

COURSE LENGTH: 12.6 Weeks

ATTRITION FACTOR: USMC: 0%

BACKOUT FACTOR: 0.25

TRAINING ACTIVITY	ACDU/TAR SOURCE	SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT, MCAS Cherry Point												
USMC	USMC			32		32		32		32		32
	AR			1		1		1		1		1
	SMCR			3		3		3		3		3
	TOTAL:			36		36		36		36		36

## **PART III - TRAINING REQUIREMENTS**

The following elements are not affected by the AH-1W Aircraft and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

    III.A.2.b. Planned Courses

    III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

## PART III - TRAINING REQUIREMENTS

### III.A.2. FOLLOW-ON TRAINING

#### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** NA1, AH-1W Fleet Replacement Basic and Transition Pilot Category I and II Pipeline  
**TRAINING ACTIVITY:** HMT-303  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
34		34		34		34		34	ATIR
34		34		34		34		34	Output
14.1		14.1		14.1		14.1		14.1	AOB
14.1		14.1		14.1		14.1		14.1	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
3		3		3		3		3	ATIR
3		3		3		3		3	Output
1.2		1.2		1.2		1.2		1.2	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** NA2, AH-1W Conversion Pilot

**TRAINING ACTIVITY:** HMT-303

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
34		34		34		34		34	ATIR
34		34		34		34		34	Output
10.2		10.2		10.2		10.2		10.2	AOB
10.2		10.2		10.2		10.2		10.2	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
3		3		3		3		3	ATIR
3		3		3		3		3	Output
0.9		0.9		0.9		0.9		0.9	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** NA3, AH-1W Fleet Replacement Refresher Pilot Category III

**TRAINING ACTIVITY:** HMT-303

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
8		9		8		8		9	
8		9		8		8		9	
1.2		1.3		1.2		1.2		1.3	
1.2		1.3		1.2		1.2		1.3	

ATIR  
Output  
AOB  
Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
1		1		1		1		1	
1		1		1		1		1	
0.1		0.1		0.1		0.1		0.1	
0.0		0.0		0.0		0.0		0.0	

ATIR  
Output  
AOB  
Chargeable

**CIN, COURSE TITLE:** NA4, AH-1W FRS Instructor Pilot

**TRAINING ACTIVITY:** HMT-303

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
8		9		8		8		9	
8		9		8		8		9	
0.6		0.7		0.6		0.6		0.7	
0.6		0.7		0.6		0.6		0.7	

ATIR  
Output  
AOB  
Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
1		1		1		1		1	
1		1		1		1		1	
0.1		0.1		0.1		0.1		0.1	
0.0		0.0		0.0		0.0		0.0	

ATIR  
Output  
AOB  
Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-102-2024, H-1 Communication Navigation Identification System Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
97		97		97		97		97	ATIR
97		97		97		97		97	Output
30.3		30.3		30.3		30.3		30.3	AOB
30.3		30.3		30.3		30.3		30.3	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
6		6		6		6		6	ATIR
6		6		6		6		6	Output
1.9		1.9		1.9		1.9		1.9	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-601-2014, AH-1W and UH-1N Power Plants, Power Trains, and Rotors Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
127		127		127		127		127	ATIR
127		127		127		127		127	Output
20.9		20.9		20.9		20.9		20.9	AOB
20.9		20.9		20.9		20.9		20.9	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
7		7		7		7		7	ATIR
7		7		7		7		7	Output
1.2		1.2		1.2		1.2		1.2	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-602-2081, Helicopter Airframe Mechanic A/UH-1  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
99		99		99		99		99	
99		99		99		99		99	
8.1		8.1		8.1		8.1		8.1	
8.1		8.1		8.1		8.1		8.1	

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
7		7		7		7		7	
7		7		7		7		7	
0.6		0.6		0.6		0.6		0.6	
0.0		0.0		0.0		0.0		0.0	

**CIN, COURSE TITLE:** M-646-2044, Rotary Wing (H-1/CH-46/CH-53) Armament Systems Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
68		68		68		68		68	
68		68		68		68		68	
10.1		10.1		10.1		10.1		10.1	
10.1		10.1		10.1		10.1		10.1	

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
3		3		3		3		3	
3		3		3		3		3	
0.4		0.4		0.4		0.4		0.4	
0.0		0.0		0.0		0.0		0.0	

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** D-102-6122, Cryptographic Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1039 NAMTRAU  
**LOCATION, UIC:** NAS Oceana, 66045

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
2		2		2		2		2		ATIR
2		2		2		2		2		Output
0.1		0.1		0.1		0.1		0.1		AOB
0.1		0.1		0.1		0.1		0.1		Chargeable

**CIN, COURSE TITLE:** E-102-6122, Cryptographic Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
3		3		3		3		3		ATIR
3		3		3		3		3		Output
0.2		0.2		0.2		0.2		0.2		AOB
0.2		0.2		0.2		0.2		0.2		Chargeable

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 31511

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
11		11		11		11		11		ATIR
11		11		11		11		11		Output
2.0		2.0		2.0		2.0		2.0		AOB
2.0		2.0		2.0		2.0		2.0		Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.2		0.2		0.2		0.2		0.2		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-102-6483, Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 31511

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
9		9		9		9		9		ATIR
9		9		9		9		9		Output
2.2		2.2		2.2		2.2		2.2		AOB
2.2		2.2		2.2		2.2		2.2		Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		1		0		0		ATIR
0		0		1		0		0		Output
0.0		0.0		0.2		0.0		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** M-601-3027, T-400/T-700 Engine First Degree Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
28		28		28		28		28		ATIR
28		28		28		28		28		Output
4.9		4.9		4.9		4.9		4.9		AOB
4.9		4.9		4.9		4.9		4.9		Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.2		0.2		0.2		0.2		0.2		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS New River, 55203

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
9		9		9		9		9		ATIR
9		9		9		9		9		Output
0.9		0.9		0.9		0.9		0.9		AOB
0.9		0.9		0.9		0.9		0.9		Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
2		2		2		2		2		ATIR
2		2		2		2		2		Output
0.2		0.2		0.2		0.2		0.2		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

**CIN, COURSE TITLE:** E-602-4007, F-18 Hydraulic Components Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
13		13		13		13		13		ATIR
13		13		13		13		13		Output
1.9		1.9		1.9		1.9		1.9		AOB
1.9		1.9		1.9		1.9		1.9		Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.1		0.1		0.1		0.1		0.1		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** M-602-5811, H-1 Aircraft Electrical Instrument/Automatic Flight Control System Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 48107

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
13		13		13		13		13	ATIR
13		13		13		13		13	Output
2.4		2.4		2.4		2.4		2.4	AOB
2.4		2.4		2.4		2.4		2.4	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
1		1		1		1		1	ATIR
1		1		1		1		1	Output
0.2		0.2		0.2		0.2		0.2	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

**CIN, COURSE TITLE:** M-646-7026, Aviation Ordnance Technician Intermediate Maintenance  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 31511

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
33		33		33		33		33	ATIR
33		33		33		33		33	Output
7.8		7.8		7.8		7.8		7.8	AOB
7.8		7.8		7.8		7.8		7.8	Chargeable

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
3		3		3		3		3	ATIR
3		3		3		3		3	Output
0.7		0.7		0.7		0.7		0.7	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

## **PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

The following elements are not affected by the AH-1W Aircraft and, therefore, are not included in Part IV of this NTSP:

### **IV.C. Facility Requirements**

- IV.C.1. Facility Requirements Summary (Space/Support) by Activity**
- IV.C.2. Facility Requirements Detailed by Activity and Course**
- IV.C.3. Facility Project Summary by Program**

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

### IV.A. TRAINING HARDWARE

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-102-9354, H-1 Communication, Navigation, Identification, and Related Systems Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0212	Headset, Electrical (Part No. 10156)	12	Jun 97	GFE	Onboard
<b>GPETE</b>					
0001	Multimeter, Digital (Part No. 27AN)	2	Jun 97	GFE	Onboard
<b>SPETE</b>					
0309	Test Set, Tacan (Part No. 1000-0000)	1	Jun 97	GFE	Onboard
0310	Test Set, Flight Control (Part No. 2591383)	1	Jun 97	GFE	Onboard
0311	Time Reflectometer (Part No. 1502B-03-04MODNB)	1	Jun 97	GFE	Onboard
0312	Test Set, Transponder (Part No. AN/APM-378)	1	Jun 97	GFE	Onboard

**CIN, COURSE TITLE:** C-602-9360, H-1 Electrical and Stability Control Augmentation System Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0210	Generator, Signal (Part No. SPNH)	1	May 00	GFE	Onboard
0211	Power Supply (Part No. LP523FM)	1	May 00	GFE	Onboard
<b>GPETE</b>					
0001	Multimeter, Digital (Part No. 27AN)	6	May 00	GFE	Onboard
0005	Bridge, Capacitance-Inductance (Part No. GR1658-9700)	1	May 00	GFE	Onboard
0006	Adapter, Cable (Part No. 1543AR)	2	May 00	GFE	Onboard
0007	Adapter, Cable Breakout (Part No. T103413-101)	1	May 00	GFE	Onboard
<b>SPETE</b>					
0306	Test Set, Stab Control (Part No. 39565)	2	May 00	GFE	Onboard
0307	Test Set, Pressure Source (Part No. 375)	2	May 00	GFE	Onboard
0308	Test Set, Indicator TTU378/E (Part No. 361-046-001)	2	May 00	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-198-9351, AH-1W Tow Hellfire Control and Display System Integrated Organizational Maintenance  
 (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0200	Launcher, Guided XM6 (Part No. 3234008-110)	2	Jan 95	GFE	Onboard
0201	Helmet, SPH-4 (Part No. 81F5191-1)	2	Jan 95	GFE	Onboard
0202	Launcher, Guided Hellfire (Part No. 13009444)	2	Jan 95	GFE	Onboard
0203	Sight Assembly, Helmet (Part No. 2251773-00)	2	Jan 95	GFE	Onboard
0204	Receiver, Nitrogen (Part No. 58A164D863)	1	Jan 95	GFE	Onboard
0205	Indicator, Rate of Flow (Part No. 61A91D100)	1	Jan 95	GFE	Onboard
0206	Power Supply, LAU-7 (Part No. 60A89D114)	1	Jan 95	GFE	Onboard
0207	Launcher, LAU-7 (Part No. 58A164H874)	1	Jan 95	GFE	Onboard
<b>ST</b>					
0105	Adapter, Launcher U-299A/A (Part No. 564AS100-1)	1	Jan 95	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	1	Jan 95	GFE	Onboard
<b>SPETE</b>					
0300	Test Set, Hellfire Simulator (Part No. 1691AS200)	2	Jan 95	GFE	Onboard
0301	Test Set, Guided Missile (Part No. 1058AS1400)	1	Jan 95	GFE	Onboard
0302	Boresight Equipment (Part No. 3210875-100)	1	Jan 95	GFE	Onboard
0303	Test Set, Built In Test (Part No. 1090059)	1	Jan 95	GFE	Onboard
0304	Test Set, Guided Missile (Part No. ANASM-464A)	1	Jan 95	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-602-3357, H-1 Wire Bundle Repair Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0444	Machine, Marking (Part No. KTE6)	1	Sep 86	GFE	Onboard
0445	Electrical Tool Kit (Part No. DMC-386)	6	Sep 86	GFE	Onboard
0446	Heating Tool Kit (Part No. HT-900)	6	Sep 86	GFE	Onboard
0447	Applicator Kit (Part No. 220007-1)	6	Sep 86	GFE	Onboard
<b>GPETE</b>					
0009	Multimeter, Digital (Part No. 8000A)	6	Sep 86	GFE	Onboard
<b>SPETE</b>					
0332	Cable Tester (Part No. 1502-04)	1	Sep 86	GFE	Onboard

**CIN, COURSE TITLE:** C-104-3351, AH-1W Night Targeting System (NTS) and UH-1N Navigational Thermal Imaging Systems (NTIS) Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>ST</b>					
0100	Spanner Pin, Wrench (Part No. 06008102)	1	Dec 01	GFE	Onboard
0101	Vacuum Pump, 20 Liter (Part No. 75001200)	1	Dec 01	GFE	Pending
0102	Hose Assembly, Nonmetallic (Part No. 65005120)	1	Dec 01	GFE	Onboard
0103	Scan Cavity, Evacuate (Part No. 62001968)	1	Dec 01	GFE	Onboard
0104	Adapter, 125AN, M-125 Tube (Part No. 15036400)	1	Dec 01	GFE	Onboard
<b>GPETE</b>					
0001	Multimeter, Digital (Part No. 27AN)	2	Dec 01	GFE	Onboard
0002	Vacuum Gage, Indicating (Part No. 75003040)	1	Dec 01	GFE	Onboard
0003	Cable Assembly, Special Purpose (Part No. 246021413)	1	Dec 01	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-601-9351, AH-1W Power Trains, Rotors, and Related Systems Organizational Maintenance (Track M-601-2014)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0208	Tank, Fuel (Part No. 382-68500-1)	1	Apr 99	GFE	Onboard
0209	Tank, Fuel (Part No. 382-68500-3)	1	Apr 99	GFE	Onboard
<b>GPTE</b>					
0400	Gage, Depth Dial (Part No. 643J)	1	Apr 99	GFE	Onboard
0401	Target, Mirror (Part No. 71-6250)	2	Apr 99	GFE	Onboard
0402	Indicator Dial (Part No. 399A)	1	Apr 99	GFE	Onboard
0403	Tester, Spring (Part No. D150M)	2	Apr 99	GFE	Onboard
0404	Wrench, Torque (Part No. DPT2500R)	1	Apr 99	GFE	Onboard
0405	Depth Micrometer (Part No. GGG-C-105)	1	Apr 99	GFE	Onboard
0406	Pedestal Assembly (Part No. T101614-3)	2	Apr 99	GFE	Onboard
0407	Kit, Blade Alignment (Part No. T101618)	2	Apr 99	GFE	Onboard
0408	Sling Assembly (Part No. T101626)	2	Apr 99	GFE	Onboard
0409	Cover and Lift Plate (Part No. T101634)	2	Apr 99	GFE	Onboard
0410	Wrench, Drag Brace (Part No. T101887)	1	Apr 99	GFE	Onboard
0411	Clevis-Lifting Eye (Part No. T101897)	2	Apr 99	GFE	Onboard
0412	Wrench, Main Rotor (Part No. T102037)	1	Apr 99	GFE	Onboard
0413	Mast Nut Wrench Assembly (Part No. T102120-101)	2	Apr 99	GFE	Onboard
0414	Whiffletree Assembly (Part No. T103124-101)	2	Apr 99	GFE	Onboard
0415	Hoist, Gearbox (Part No. T103193-135)	2	Apr 99	GFE	Onboard
0416	Wrench, Manual (Part No. 15-004-209)	1	Apr 99	GFE	Onboard
0417	Caliper, Micrometer (Part No. GGG-C-105)	1	Apr 99	GFE	Onboard
<b>ST</b>					
0106	Turnbuckle (Part No. 3022T44)	2	Apr 99	GFE	Onboard
0106	Support Assembly, Rotor (Part No. 214-782-003-1)	2	Apr 99	GFE	Onboard
0107	Rigging Tool, Right Engine (Part No. 5563606-1)	2	Apr 99	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0108	Rigging Tool, Engine (Part No. 5563606-2)	2	Apr 99	GFE	Onboard
0114	Adapter, Reaction (Part No. PD2735)	1	Apr 99	GFE	Onboard
0115	Adapter, Engine (Part No. SWE13766)	2	Apr 99	GFE	Onboard
0116	Adapter, Transmission (Part No. SWE13852-410)	2	Apr 99	GFE	Onboard
0117	Adapter, Mast Assembly (Part No. SWE13852-850)	2	Apr 99	GFE	Onboard
0118	Alignment Tool, Hub (Part No. T101287-107)	4	Apr 99	GFE	Onboard
0119	Socket (Part No. PD2711)	1	Apr 99	GFE	Onboard
0120	Adapter, Alignment (Part No. T101895)	2	Apr 99	GFE	Onboard
0121	Pin, Quick Release (Part No. MS17985C325)	4	Apr 99	GFE	Onboard
0122	Pin, Quick Release (Part No. MS17985C620)	4	Apr 99	GFE	Onboard
0129	Adapter, Kit (Part No. 4215)	2	Apr 99	GFE	Onboard
<b>SPETE</b>					
0305	Rotor Track Kit (Part No. 4211)	2	Apr 99	GFE	Onboard

**CIN, COURSE TITLE:** C-600-9363, H-1 Airframes Systems Organizational Maintenance (Track M-602-2081)**TRAINING ACTIVITY:** NAMTRA MARUNIT**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0448	Hydraulic Analysis Kit (Part No. 57L414)	1	Jun 00	GFE	Onboard
<b>ST</b>					
0181	Rotor Brake Disk Holding Tool (Part No. T101649-101)	1	Jun 00	GFE	Onboard
0182	Wrench, Spanner (Part No. 3831000F113)	1	Jun 00	GFE	Onboard

**CIN, COURSE TITLE:** C-646-3363, AH-1W Armament Repair Organizational Maintenance (Track M-646-2044)**TRAINING ACTIVITY:** NAMTRA MARUNIT**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0205	Indicator, Rate of Flow (Part No. 61A91D100)	2	Feb 01	GFE	Onboard
0247	Launcher, M272 (Part No. 13009444)	2	Feb 01	GFE	Onboard
0248	Launcher, XM65 (Part No. 3234008-110)	2	Feb 01	GFE	Onboard
0249	Helmet Sight Assembly (Part No. 2251773-00)	4	Feb 01	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0250	Control, Countermeasures (Part No. 3183104-001-107)	3	Feb 01	GFE	Onboard
0251	Power Supply, LAU-7/A (Part No. 60A89D114)	2	Feb 01	GFE	Onboard
0252	Programmer (Part No. 3100104-001-101)	3	Feb 01	GFE	Onboard
0253	Adapter, Pylon (Part No. 564AS100-1)	2	Feb 01	GFE	Onboard
0254	Sequencer Switch (Part No. 633169-100)	6	Feb 01	GFE	Onboard
0255	Housing, Dispenser (Part No. 15518-0001)	6	Feb 01	GFE	Onboard
0256	Launcher, LAU-7 (Part No. 118940-2)	2	Feb 01	GFE	Onboard
0257	Dispenser, Countermeasure (Part No. 39-1406-001)	6	Feb 01	GFE	Onboard
0258	Nitrogen Receiver (Part No. 58A164D863)	2	Feb 01	GFE	Onboard
0259	Helmet (Part No. 89D7748-2)	4	Feb 01	GFE	Onboard
<b>ST</b>					
0165	Wrench, Ejector Rack (Part No. 15-004-209)	8	Feb 01	GFE	Onboard
0166	Pin, Ground Safety (Part No. 1315AS101)	8	Feb 01	GFE	Onboard
0167	Adapter, ALM-70 (Part No. 15699-0001)	2	Feb 01	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	2	Feb 01	GFE	Onboard
<b>SPETE</b>					
0300	Test Set, Hellfire Simulator (Part No. 1691AS200)	2	Feb 01	GFE	Onboard
0301	Test Set, Guided Missile (Part No. 1058AS1400)	2	Feb 01	GFE	Onboard
0302	Boresight Equipment (Part No. 3210875-100)	1	Feb 01	GFE	Onboard
0304	Test Set, Guided Missile (Part No. ANASM-464A)	2	Feb 01	GFE	Onboard
0322	Test Set, Firing Circuit (Part No. 178AS100)	2	Feb 01	GFE	Onboard
0323	Test Set, Stray Voltage (Part No. 15700-0001)	2	Feb 01	GFE	Onboard
0324	Test Set, Weapon System (Part No. 1090059-150)	1	Feb 01	GFE	Onboard
0325	Fire Control System (Part No. 189F910)	1	Feb 01	GFE	Onboard
0326	Test Set, Dispenser (Part No. 3100404-001-103)	2	Feb 01	GFE	Onboard
0327	Test Set, Armament (Part No. 3867029-1)	2	Feb 01	GFE	Onboard
0328	Alignment Sight Helmet (Part No. 2278335-02)	2	Feb 01	GFE	Onboard
0329	RABS (Part No. 2600000-1)	1	Feb 01	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

**CIN, COURSE TITLE:** C-646-3364, AH-1W Turret/M197/M89/20MM Feed Systems Organizational Maintenance (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0213	M89 Feeder (Part No. 12007300)	4	Feb 01	GFE	Onboard
0214	Gun Drive Assembly (Part No. 189F34)	4	Feb 01	GFE	Onboard
0215	Turret Assembly (Part No. 218F457)	2	Feb 01	GFE	Onboard
0216	Stow Control Assembly (Part No. 189F731)	2	Feb 01	GFE	Onboard
0217	Recoil Adapter and Slider (Part No. 117D2020)	2	Feb 01	GFE	Onboard
0218	Ammunition Assembly (Part No. 188F615)	2	Feb 01	GFE	Onboard
0219	Ammunition Feed Chute (Part No. 176F555)	2	Feb 01	GFE	Onboard
0220	M197 Aircraft Gun (Part No. 11838579)	2	Feb 01	GFE	Onboard
<b>ST</b>					
0155	Feed System, 20MM (Part No. 189F788)	2	Feb 01	GFE	Onboard
0156	Fixture, Feed Unit (Part No. 11838602)	2	Feb 01	GFE	Onboard
0157	Gage, Assembly Guide Bar (Part No. 189F485)	2	Feb 01	GFE	Onboard
0158	Fixture Assembly, 20MM (Part No. 7274771)	2	Feb 01	GFE	Onboard
0159	M18 (T23) Barrel (Part No. 7249302)	2	Feb 01	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	2	Feb 01	GFE	Onboard

**CIN, COURSE TITLE:** C-646-3342, H-1 Conventional Weapons Loading (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0202	Launcher, Guided Hellfire (Part No. 13009444)	2	Feb 01	GFE	Onboard
0205	Indicator, Rate of Flow (Part No. 61A91D100)	2	Feb 01	GFE	Onboard
0206	Power Supply, LAU-7 (Part No. 60A89D114)	2	Feb 01	GFE	Onboard
0214	Gun Drive Assembly (Part No. 189F34)	4	Feb 01	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0250	Control, Countermeasures (Part No. 3183104-001-107)	3	Feb 01	GFE	Onboard
0252	Programmer (Part No. 3100104-001-101)	3	Feb 01	GFE	Onboard
0253	Adapter, Pylon (Part No. 564AS100-1)	2	Feb 01	GFE	Onboard
0254	Sequencer Switch (Part No. 633169-100)	6	Feb 01	GFE	Onboard
0255	Housing, Dispenser (Part No. 15518-0001)	6	Feb 01	GFE	Onboard
0256	Launcher, LAU-7 (Part No. 118940-2)	2	Feb 01	GFE	Onboard
0257	Dispenser, Countermeasure (Part No. 39-1406-001)	6	Feb 01	GFE	Onboard
0258	Nitrogen Receiver (Part No. 58A164D863)	2	Feb 01	GFE	Onboard
0260	Gun, GAU-17 7.62 MM (Part No. 65F9877)	2	Feb 01	GFE	Onboard
0261	Trap Assembly, Bullet (Part No. 8448153)	1	Feb 01	GFE	Onboard
0262	Doormount, A/A49E-3 (Part No. 11691320)	2	Feb 01	GFE	Onboard
0263	Gun, Machine Aircraft .50 Caliber (Part No. 11691500)	2	Feb 01	GFE	Onboard
0264	GAU-17 Adapter Assembly (Part No. 12002437)	2	Feb 01	GFE	Onboard
0265	Magazine Assembly, M60 Feedchute (Part No. 11686442)	1	Feb 01	GFE	Onboard
0266	Launcher, M65 (Part No. 3234008-110)	2	Feb 01	GFE	Onboard
0267	Gun, M60 (Part No. 11699750)	2	Feb 01	GFE	Onboard
0268	Armament Control Unit (Part No. CSK-9-01176-502)	1	Feb 01	GFE	Onboard
0269	Feeder Delinking MAU-21 (Part No. 117001120)	2	Feb 01	GFE	Onboard
0270	Adapter, Assembly GAU-16 (Part No. 1698AS100)	2	Feb 01	GFE	Onboard
0271	Adapter, Assembly M60D (Part No. 11691324)	2	Feb 01	GFE	Onboard
0272	Gun, Machine M240D (Part No. 12977099)	2	Feb 01	GFE	Onboard
0273	Pintle Post M240D (Part No. 12597090)	2	Feb 01	GFE	Onboard
<b>ST</b>					
0165	Wrench, Ejector Rack (Part No. 15-004-209)	8	Feb 01	GFE	Onboard
0166	Pin, Ground Safety (Part No. 1315AS101)	8	Feb 01	GFE	Onboard
0167	Adapter, ALM-70 (Part No. 15699-0001)	2	Feb 01	GFE	Onboard
0168	Gage, Headspace and Timing (Part No. 5351217)	2	Feb 01	GFE	Onboard
0169	Pin, Quick Release AIM-9 (Part No. MS14274)	8	Feb 01	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	2	Feb 01	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

##### **SPETE**

0300	Test Set, Hellfire Simulator (Part No. 1691AS200)	2	Feb 01	GFE	Onboard
0304	Test Set, Guided Missile (Part No. ANASM-464A)	2	Feb 01	GFE	Onboard
0322	Test Set, Firing Circuit (Part No. 178AS100)	2	Feb 01	GFE	Onboard
0323	Test Set, Stray Voltage (Part No. 15700-0001)	2	Feb 01	GFE	Onboard
0324	Test Set, Weapon System (Part No. 1090059-150)	1	Feb 01	GFE	Onboard
0326	Test Set, Dispenser (Part No. 3100404-001-103)	2	Feb 01	GFE	Onboard
0330	Charger, AWM-54 Battery (Part No. 178AS1700)	1	Feb 01	GFE	Onboard
0331	TTU-204 Test Light (Part No. 2605087)	3	Feb 01	GFE	Onboard

**CIN, COURSE TITLE:** C-601-3137, T-400 Series Engine First Degree Intermediate Maintenance (Track M-601-3027)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>GPTE</b>					
0417	Caliper, Micrometer (Part No. GGG-C-105)	1	Feb 97	GFE	Onboard
0418	Caliper, Micrometer (Part No. 1230R)	1	Feb 97	GFE	Onboard
0419	Depth Micrometer (Part No. 445BZ-6RL)	1	Feb 97	GFE	Onboard
0420	Gage, Depth Vernier (Part No. GGG-C-111)	1	Feb 97	GFE	Onboard
0421	Wrench, Torque (Part No. GGG-W-00686)	1	Feb 97	GFE	Onboard
0422	Hoist, Straddle Jet (Part No. 58A158J1)	1	Feb 97	GFE	Onboard
0423	Wrench, Gas (Part No. CPWA30114-3)	3	Feb 97	GFE	Onboard
0424	Wrench, Torque (Part No. CPWA30114-14)	3	Feb 97	GFE	Onboard
0425	Gage, Power Turbine (Part No. CPWA30169)	1	Feb 97	GFE	Onboard
0426	Drift, # 1 and # 4 (Part No. CPWA30228)	1	Feb 97	GFE	Onboard
0427	Wrench, Compressor (Part No. CPWA30331)	1	Feb 97	GFE	Onboard
0428	Wrench, Power Turbine (Part No. CPWA30332)	1	Feb 97	GFE	Onboard
0429	Protector, Sleeve (Part No. CPWA30336)	1	Feb 97	GFE	Onboard
0430	Spigot, Compressor (Part No. CPWA30370)	1	Feb 97	GFE	Onboard
0431	Protector (Part No. CPWA30421)	2	Feb 97	GFE	Onboard
0432	Gage, Thickness (Part No. CPWA30437)	1	Feb 97	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0433	Gage, Plate (Part No. CPWA30438)	1	Feb 97	GFE	Onboard
0434	Gage, Compress (Part No. CPWA30439)	1	Feb 97	GFE	Onboard
0435	Gage, Plate (Part No. CPWA30440)	1	Feb 97	GFE	Onboard
0436	Protector, Compressor (Part No. CPWA30448)	2	Feb 97	GFE	Onboard
0437	Stand, Engine (Part No. 6796987)	2	Feb 97	GFE	Onboard
0438	Support Assembly (Part No. CPWA30731)	2	Feb 97	GFE	Onboard
0439	Test Stand, Support (Part No. CPWA30746)	1	Feb 97	GFE	Onboard
0440	Torque, Driver (Part No. CPWA30755)	2	Feb 97	GFE	Onboard
0441	Sling, Engine (Part No. CPWA30804-50)	1	Feb 97	GFE	Onboard
0442	Gage, Compressor (Part No. CPWA30417)	1	Feb 97	GFE	Onboard
0443	Stand, Inlet Case (Part No. CPWA30517)	1	Feb 97	GFE	Onboard
<b>ST</b>					
0109	Pliers, Impellers (Part No. CPWA30456)	1	Feb 97	GFE	Onboard
0110	Tool, Unlocking (Part No. CPWA30335)	1	Feb 97	GFE	Onboard
0111	Puller, Turbine (Part No. CPWA 30403)	1	Feb 97	GFE	Onboard
0112	Puller, Rotor (Part No. CPWA30456)	1	Feb 97	GFE	Onboard
0113	Socket, Special (Part No. CPWA30648)	1	Feb 97	GFE	Onboard
0123	Fixture, Pressure (Part No. CPWA30405)	1	Feb 97	GFE	Onboard
0124	Adapter, Turbine (Part No. CPWA30409)	2	Feb 97	GFE	Onboard
0125	Fixture, Compressor (Part No. CPWA30420)	1	Feb 97	GFE	Onboard
0126	Fixture, Compressor (Part No. CPWA30441)	1	Feb 97	GFE	Onboard
0127	Fixture, Aligning (Part No. CPWA30452)	1	Feb 97	GFE	Onboard
0128	Adapter, # 1 Bearing (Part No. CPWA30649)	1	Feb 97	GFE	Onboard
0130	Adapter, Accessory (Part No. CPWA30704)	2	Feb 97	GFE	Onboard
0131	Adapter, Reduction (Part No. CPWA30705)	2	Feb 97	GFE	Onboard
0132	Adapter, Gas (Part No. CPWA30712)	4	Feb 97	GFE	Onboard
0133	Ring Assembly, Engine (Part No. CPWA30713)	2	Feb 97	GFE	Onboard
0134	Wrench (Part No. CPWA30716)	1	Feb 97	GFE	Onboard
0135	Puller, # 1 Bearing (Part No. CPWA30727)	1	Feb 97	GFE	Onboard
0136	Nut, Output Shaft (Part No. CPWA30754)	1	Feb 97	GFE	Onboard

#### **IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0137	Fixture, Fuel Flow (Part No. PWC33054)	1	Feb 97	GFE	Onboard
0138	Wrench, Housing (Part No. CPWA30830)	1	Feb 97	GFE	Onboard
0139	Blanking Plate, Inlet (Part No. CPWA30859)	1	Feb 97	GFE	Onboard
0140	Puller, Compressor (Part No. CPWA30933)	1	Feb 97	GFE	Onboard
0141	Puller, Cover (Part No. CPWA33014)	1	Feb 97	GFE	Onboard
0142	Puller, Flange (Part No. CPWA33015)	1	Feb 97	GFE	Onboard
0143	Puller, Power (Part No. CPWA30139)	1	Feb 97	GFE	Onboard
0144	Puller, Fuel Nozzle (Part No. CPWA30416)	1	Feb 97	GFE	Onboard
0145	Tool, Locking (Part No. CPWA30458)	1	Feb 97	GFE	Onboard
0146	Support, Reduction (Part No. CPWA30866)	1	Feb 97	GFE	Onboard
0147	Bar, Locating (Part No. LTCT153)	1	Feb 97	GFE	Onboard
0148	Socket, Wrench Spanner (Part No. CPWA30715)	1	Feb 97	GFE	Onboard
0149	Fixture, Flow (Part No. CPWA33013)	1	Feb 97	GFE	Onboard
0150	Puller, Compressor Shroud (Part No. CPWA30417)	1	Feb 97	GFE	Onboard
0151	Riveter, # 1 Bearing (Part No. CPWA30494)	1	Feb 97	GFE	Onboard
0152	Grinder, Turbine (Part No. CPWA30122)	1	Feb 97	GFE	Onboard
0153	Tool, Locking # 1 Bearing (Part No. CPWA30820)	1	Feb 97	GFE	Onboard
0154	Arbor, Shroud Grinder (Part No. CPWA30694)	1	Feb 97	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	1	Feb 97	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3358, H-1 Electrical Systems Intermediate Maintenance (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0224	Indicator, Bearing (Part No. 137200)	1	Apr 94	GFE	Onboard
0225	Alarm, RPM Limit (Part No. 209-075-326-1)	1	Apr 94	GFE	Onboard
0226	Gyroscope, Displacement (Part No. 2586077-7)	1	Apr 94	GFE	Onboard
0227	Control, Navigational Compass (Part No. 2589386-902)	1	Apr 94	GFE	Onboard
0228	Amp, Power Supply (Part No. 2575892)	1	Apr 94	GFE	Onboard

**IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE**

0229	Compensator (Part No. 2590497)	1	Apr 94	GFE	Onboard
0230	Light, Landing (Part No. 45-0128-3)	2	Apr 94	GFE	Onboard
0231	Indicator, Panel (Part No. 75-0197-3)	1	Apr 94	GFE	Onboard
0232	Transmitter, Induction (Part No. MS25396)	1	Apr 94	GFE	Onboard
0233	Actuator, Linear (Part No. SYLC50114)	2	Apr 94	GFE	Onboard
0234	Bleed Air Valve (Part No. 9791442-3-1)	1	Apr 94	GFE	Onboard
<b>GPETE</b>					
0008	Oscilloscope, Digital (Part No. 54501A--E01/910)	1	Apr 94	GFE	Onboard
0009	Multimeter, Digital (Part No. 8000A)	2	Apr 94	GFE	Onboard
0010	Counter, Electrical (Part No. 5328A-H99)	2	Apr 94	GFE	Onboard
0011	Power Supply (Part No. 721A)	1	Apr 94	GFE	Onboard
<b>SPETE</b>					
0314	Generator, Signal (Part No. 201C)	1	Apr 94	GFE	Onboard
0315	Test Set, Flight Control (Part No. 2591140)	1	Apr 94	GFE	Onboard
0316	Test Set, Servo Indicator (Part No. 30-01)	1	Apr 94	GFE	Onboard
0317	Test Set, RPM Limit (Part No. BR1723-2100)	2	Apr 94	GFE	Onboard
0318	Timer, Internal (Part No. STD-410-1-7)	1	Apr 94	GFE	Onboard

**CIN, COURSE TITLE:** C-646-3346, AH-1 Navy Armament and Control Delivery System (NARCADS) Intermediate Maintenance  
(Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0221	Jettison Control (Part No. 1978723-1)	1	Dec 95	GFE	Onboard
0222	Distribution Box (Part No. 3759062-1)	1	Dec 95	GFE	Onboard
0223	Panel Assembly, Control (Part No. 3822093-1)	1	Dec 95	GFE	Onboard
<b>SPETE</b>					
0313	Test Set, Evaluator (Part No. 3867030-1)	1	Dec 95	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-646-3362, AH-1W A/A49E-7(V) Turret System Intermediate Maintenance (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0235	Turret, Armament (Part No. 218F457)	1	Oct 95	GFE	Onboard
0236	Turret, Control (Part No. 218F231)	1	Oct 95	GFE	Onboard
0237	Gun Control Assembly (Part No. 189F901)	1	Oct 95	GFE	Onboard
0238	Control, Emergency (Part No. 189F729)	1	Oct 95	GFE	Onboard
0239	Torque Box Assembly (Part No. 189F861)	1	Oct 95	GFE	Onboard
0240	Circuit Card Assembly (Part No. 189F902)	2	Oct 95	GFE	Onboard
0241	Circuit Card Assembly (Part No. 189F903)	2	Oct 95	GFE	Onboard
0242	Circuit Card Assembly (Part No. 189F904q)	2	Oct 95	GFE	Onboard
0243	Circuit Card Assembly (Part No. 189F905)	2	Oct 95	GFE	Onboard
0244	Circuit Card Assembly (Part No. 189F960)	2	Oct 95	GFE	Onboard
0245	Circuit Card Assembly (Part No. 218F252)	2	Oct 95	GFE	Onboard
0246	Circuit Card Assembly (Part No. 201F526)	4	Oct 95	GFE	Onboard
<b>ST</b>					
0160	Azimuth Pointer (Part No. 125C3871)	1	Oct 95	GFE	Onboard
0161	Adapter, Turret Stand (Part No. 201F390)	1	Oct 95	GFE	Onboard
0162	Azimuth Scale (Part No. 204R633)	1	Oct 95	GFE	Onboard
0163	Vertical Clinometer (Part No. 320)	1	Oct 95	GFE	Onboard
0164	Alignment Stand (Part No. 205F200)	1	Oct 95	GFE	Onboard
<b>GPETE</b>					
0008	Oscilloscope, Digital (Part No. 54501A--E01/910)	1	Oct 95	GFE	Onboard
0009	Multimeter, Digital (Part No. 8000A)	1	Oct 95	GFE	Onboard
<b>SPETE</b>					
0319	Test Console, Armament (Part No. 201F991)	1	Oct 95	GFE	Onboard
0320	Extender Card (Part No. 132D1343)	1	Oct 95	GFE	Onboard
0321	Test Box, Current (Part No. 132D1784)	1	Oct 95	GFE	Onboard

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-600-3177, Aircraft Nickel-Cadmium Battery Maintenance and Repair (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0274	Battery, Nickel-Cadmium (Part No. MS18045-45)	2	May 96	GFE	Onboard
0275	Battery, Nickel-Cadmium (Part No. 17191)	1	May 96	GFE	Onboard
<b>ST</b>					
0170	Tap, Thread Cutting (Part No. A-A-624)	2	May 96	GFE	Onboard
0171	Tap, Thread Cutting (Part No. A-A-625)	2	May 96	GFE	Onboard
0172	Tap, Thread Cutting (Part No. 303)	2	May 96	GFE	Onboard
0173	Thermometer (Part No. 31025)	2	May 96	GFE	Onboard
0174	Battery Filler (Part No. WA76480)	2	May 96	GFE	Onboard
0175	Tap and Reamer Wrench (Part No. GGG-W-680)	2	May 96	GFE	Onboard
0176	Battery Tool Kit (Part No. TK90G)	1	May 96	GFE	Onboard
0177	Hypodermic Needle (Part No. GGN196)	1	May 96	GFE	Onboard
0178	Hypodermic Syringe (Part No. 7-0697)	1	May 96	GFE	Onboard
0179	Polyethylene Wash Bottle (Part No. 03-409-10E)	1	May 96	GFE	Onboard
0180	Bulb, Syringe (Part No. MS35978-3)	1	May 96	GFE	Onboard
<b>GPETE</b>					
0004	Multimeter, Digital (Part No. 77AN)	1	May 96	GFE	Onboard
0012	Battery Charger (Part No. 371AS201-1)	2	May 96	GFE	Onboard

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 2F136, AH-1W Weapons System Trainer (WST)  
**DESCRIPTION:** Device 2F136 consists of two permanently installed, full-sized, domed replicas of the AH-1W Helicopter cockpit, one Pilot trainee station, one Gunner-Copilot trainee station, and an Instructor Operator Station (IOS) containing a host computer, a power supply, and associated peripherals. These stations may run independently or may be integrated when running concurrent missions. The trainee stations provide the students with the realistic cockpit environment that is necessary for effective training by utilizing aircraft, tactical, aural, and motion simulation. All controls and indicators that appear in the helicopter are provided in the WST. The performance of the aircraft systems, electronic equipment, instrument response, and control reactions are designed to simulate the actual AH-1W Helicopter operation on system malfunctions, threat environment, and appropriate countermeasures. The instructional system provides for an Instructor to control the training situation from either the IOS or Copilot position, using the auxiliary controls provided there. The AH-1W WST completed the Night Targeting System/Canopy Cockpit modification, COMM/NAV upgrade, Tactical Navigation System upgrade, computer rehost, new IOS, and 28 Trainer Engineering Change requests.

**MANUFACTURER:** CAE-LINK Flight Simulation Division

**CONTRACT NUMBER:** N61339-84-C-0084

**TEE STATUS:** NA

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS New River, 55203

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Apr 93	Apr 93	Onboard	Pilot Proficiency

**TRAINING ACTIVITY:** HMT-303

**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Nov 92	Nov 92	Onboard	AH-1W Basic and Transition Pilot AH-1W Conversion Pilot AH-1W Refresher Pilot AH-1W Instructor Pilot

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 2F170, AH-1W Aircrew Procedures Trainer (APT)  
**DESCRIPTION:** Device 2F170 consists of a full-sized replica of the AH-1W Helicopter cockpit as a Pilot and Copilot trainee station, an IOS, and an ESIG 2000 Out-The-Window (OTW) visual system. The APT device is housed in three mobile facilities and is capable of rapid, same day, operational set-up and tear-down. The cockpit assembly includes full-sized active indicators, controls, lights, panels, gages, and instruments located in the same relative position as in the actual aircraft. Power supplies, host computers, a control loading system, aural cueing, intercom system, and associated peripherals are located in the cockpit assembly. The IOS includes an Instructor desk, two monitors, two keyboard-mouse assemblies, and a printer. The IOS monitors are for starting the simulator system, controlling student training sessions, and monitoring corresponding student actions. The IOS printer is provided to obtain student records, session printouts, IOS dumps, and diagnostics. A unique feature of the device is the capability to run and control the simulation without an Instructor. The AH-1W APT can be controlled from either of the Crew stations via a trackball assembly and the IOS information is projected onto the right OTW screen. The device possess all the capabilities of the AH-1W WST, except for motion and simulated threat, and performs all functional checklists, including the weapon systems and emergency procedures, both airborne and on the ground. The AH-1W APT is also qualified as an Instrument Flight Training Device.

**MANUFACTURER:** Manned Flight Simulator, NAVAIR Patuxent River

**CONTRACT NUMBER:** NA

**TEE STATUS:** NA

**TRAINING ACTIVITY:** 4th MAW, HML/A-773

**LOCATION, UIC :** NAS Atlanta, 61915

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 97	Jan 97	Onboard	Pilot Proficiency

**TRAINING ACTIVITY:** 4th MAW, HML/A-775 Det A

**LOCATION, UIC :** MCAS Belle Chase, 45238

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 97	Jan 97	Onboard	Pilot Proficiency

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS New River, 55203

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jun 96	Jun 96	Onboard	Pilot Proficiency

**TRAINING ACTIVITY:** HMT-303

**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Feb 95	Feb 95	Onboard	AH-1W Basic and Transition Pilot AH-1W Conversion Pilot AH-1W Refresher Pilot AH-1W Instructor Pilot

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 110201/142101, UH-1N (CMT)  
**DESCRIPTION:** Device 110201/142101 consists of a complete, full-sized UH-1N Helicopter with stubbed rotor blades, a Trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The CMT provides system maintenance training for structure, power plants, power trains, hydraulics, and flight control systems. The safety features of the CMT allow realistic training in a controlled and safe environment. The UH-1Y Engineering Manufacturing and Developmental aircraft will be transferred to the HMT-303 NAMTRA MARUNIT starting in FY04, and replace the existing UH-1N CMTs. The new UH-1N CMTs will receive production upgrades and trainer unique modifications to include an independent power supply, safety stops, and an IOS with computerized fault insertion.

**MANUFACTURER:** Bell Helicopter Textron, Inc.

**CONTRACT NUMBER:** NA

**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Sep 94	Sep 94	Onboard	C-602-9360 (Track M-102-2024) C-601-9351 (Track M-601-2014) C-601-9352 (Track M-601-2014) C-600-9363 (Track M-602-2081) C-646-3341 (Track M-646-2044) C-646-3342 (Track M-646-2044)

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 142301, UH-1N Electrical/Armament Trainer (EAT)  
**DESCRIPTION:** Device 142301 is a full-sized skeleton UH-1N Helicopter without tail boom, power plant, or power train. The EAT contains a Trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The EAT is equipped with all electrical systems and defense armament systems. The EAT provides maintenance training for COMM/NAV systems, instrument, automatic flight control, and armament systems. The AH-1W EAT will continue to support AH-1W maintenance training as long as required, and be disposed of when AH-1W training requirements are complete.  
**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** HMT-303 NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY	DATE REQD	RFT REQD	DATE	STATUS	COURSES SUPPORTED
1	Feb 95		Feb 95	Onboard	C-602-9360 (Track M-102-2024) C-646-3363 (Track M-646-2044) C-646-3341 (Track M-646-2044) C-602-3342 (Track M-602-5811) C-602-3358 (Track M-602-5811) C-646-3346 (Track M-602-5811) C-646-3362 (Track M-602-5811)

**DEVICE:** 222101, AH-1W Engine Remove/Replace Trainer (ERRT)  
**DESCRIPTION:** Device 222101 consists of a skeleton AH-1W Helicopter that serves as a Trainee station to facilitate the removal and replacement of AH-1W engine, power train, combining gearboxes, transmission, main rotor mast, tail rotor drive shaft, and tail rotor systems maintenance. The AH-1W ERRT will continue to support AH-1W maintenance training as long as required, and be disposed of when AH-1W training requirements are complete.  
**MANUFACTURER:** Mainflight Simulator, Inc.  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** HMT-303 NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY	DATE REQD	RFT REQD	DATE	STATUS	COURSES SUPPORTED
1	Feb 95		Nov 95	Onboard	C-601-9351 (Track M-601-2014) C-601-9352 (Track M-601-2014) C-600-9363 (Track M-602-2081) C-601-3137 (Track M-601-3027)

#### **IV.A.2. TRAINING DEVICES**

**DEVICE:** 310101, UH-1N Avionics Trainer (AVT)  
**DESCRIPTION:** Device 310101 is a complete, full-sized UH-1N Helicopter with stubbed rotor blades, a Trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The AVT provides avionic systems maintenance training for intercommunication, control display navigation, cockpit control, aircraft survivability, and aircraft identification systems. The AVT will continue to support UH-1N training as required and disposed of when UH-1N training requirements are complete.  
**MANUFACTURER:** E-Systems, Inc.  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** HMT-303 NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

<b>QTY</b>	<b>DATE REQD</b>	<b>RFT REQD</b>	<b>DATE</b>	<b>STATUS</b>	<b>COURSES SUPPORTED</b>
1		Jan 98	Jan 98	Onboard	C-104-3351 (Track M-102-2024) C-102-9354 (Track M-102-2024) C-602-9360 (Track M-102-2024) C-600-9363 (Track M-602-2081) C-602-3358 (Track M-602-5811)

#### IV.A.2. TRAINING DEVICES

**DEVICE:** 410101/111101, AH-1W Composite Maintenance Trainer (CMT)  
**DESCRIPTION:** Device 410101/111101 is a complete, full-sized AH-1W Helicopter with stubbed rotor blades, a Trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The CMT provides system maintenance training for structure, power plants, power trains, hydraulics, and flight control systems. The safety features of the CMT allow realistic training in a controlled and safe environment. The AH-1Z Engineering Manufacturing and Developmental aircraft will be transferred to the NAMTRA MARUNIT starting in FY04, and replace the existing AH-1W CMTs. Current plans indicate one AH-1W CMT will continue to support AH-1W training as required and disposed of when AH-1W training requirements are complete.  
**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA  
**TRAINING ACTIVITY:** HMT-303 NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
2	Sep 94	Sep 94	Onboard	C-104-3351 (Track M-102-2024) C-102-9354 (Track M-102-2024) C-602-9360 (Track M-102-2024) C-198-9351 (Track M-102-2024) C-601-9351 (Track M-601-2014) C-601-9352 (Track M-601-2014) C-600-9363 (Track M-602-2081) C-646-3363 (Track M-646-2044) C-646-3364 (Track M-646-2044) C-646-3342 (Track M-646-2044) C-602-3342 (Track M-602-5811) C-602-3358 (Track M-602-5811) C-646-3346 (Track M-602-5811) C-646-3362 (Track M-602-5811)

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-102-9354, H-1 Communication, Navigation, Identification, and Related Systems Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
<b>REQD</b>	<b>REQD</b>	<b>REQD</b>	<b>REQD</b>
Computer-Based Training (13 Topics)	6	Jun 97	Onboard
Lesson Plan	2	Jun 97	Onboard
Overhead Projector	2	Jun 97	Onboard
Television Monitor	1	Jun 97	Onboard
Trainee Guide: C-102-9354A	6	Jun 97	Onboard
Transparencies (Set of 190)	1 Set	Jun 97	Onboard
Video Player	1	Jun 97	Onboard
Tests	6	Jun 97	Onboard

**CIN, COURSE TITLE:** C-602-9360, H-1 Electrical and Stability Control Augmentation System Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
<b>REQD</b>	<b>REQD</b>	<b>REQD</b>	<b>REQD</b>
Computer-Based Training (13 Topics)	6	May 00	Onboard
Lesson Plan	2	May 00	Onboard
Overhead Projector	1	May 00	Onboard
Trainee Guide: C-602-9360C	6	May 00	Onboard
Transparencies (Set of 223)	1 Set	May 00	Onboard
Tests	6	May 00	Onboard

**CIN, COURSE TITLE:** C-198-9351, AH-1W Tow Hellfire Control and Display System Integrated Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
<b>REQD</b>	<b>REQD</b>	<b>REQD</b>	<b>REQD</b>
Film: BF-1713 SABE Installation and Removal Procedures	1	Jan 95	Onboard
Film: BF-1721 SABE Boresighting Procedures	1	Jan 95	Onboard
Lesson Plan	2	Jan 95	Onboard
Overhead Projector	1	Jan 95	Onboard
Screen Projector	1	Jan 95	Onboard
Student Guide Section I and IV: CNTT-N4509D	6	Jan 95	Onboard
Student Guide Section II and III: CNTT-N4509C	6	Jan 95	Onboard
Transparencies (Set of 82)	1 Set	Jan 95	Onboard
Tests	6	Jan 95	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-602-3357, H-1 Wire Bundle Repair Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Film: 213-9-82 Handling Techniques with Wire and Cable Insulated with Kapton	1	Sep 86	Onboard
Lesson Plan	2	Sep 86	Onboard
Screen Projector	1	Sep 86	Onboard
Slide Projector (35 mm)	1	Sep 86	Onboard
Slides (Set of 9)	1 Set	Sep 86	Onboard
Student Guide	10	Sep 86	Onboard
Tests	10	Sep 86	Onboard

**CIN, COURSE TITLE:** C-104-3351, AH-1W Night Targeting System (NTS) and UH-1N Navigational Thermal Imaging Systems (NTIS) Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Computer-Based Training (10 Topics)	8	Dec 01	Onboard
Lesson Plan	2	Dec 01	Onboard
Overhead Projector	1	Dec 01	Onboard
Screen Projector	1	Dec 01	Onboard
Television Monitor	1	Dec 01	Onboard
Tests	8	Dec 01	Onboard
Trainee Guide: C-104-3351	8	Dec 01	Onboard
Transparencies (Set of 70)	1 Set	Dec 01	Onboard
VCR Head Cleaner	2	Dec 01	Onboard
Video Player	1	Dec 01	Onboard
Video Stand	1	Dec 01	Onboard

**CIN, COURSE TITLE:** C-601-9351, AH-1W Power Trains, Rotors and Related Systems Organizational Maintenance (Track M-601-2014)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Lesson Plan	2	Apr 99	Onboard
Overhead Projector	1	Apr 99	Onboard
Screen Projector	1	Apr 99	Onboard
Television Monitor	1	Apr 99	Onboard
Trainee Guide: C-601-9351B	8	Apr 99	Onboard
Transparencies (Set of 116)	1 Set	Apr 99	Onboard
Video Player	1	Apr 99	Onboard
Tests	8	Apr 99	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-601-9352, H-1 Combined Maintenance (Track M-601-2014)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Lesson Plan	2	Apr 98	Onboard
Overhead Projector	1	Apr 98	Onboard
Screen Projector	1	Apr 98	Onboard
Trainee Guide: C-601-9352B	8	Apr 98	Onboard
Transparencies (Set of 16)	1 Set	Apr 98	Onboard
Tests	8	Apr 98	Onboard

**CIN, COURSE TITLE:** C-600-9363, H-1 Airframes Systems Organizational Maintenance (Track M-602-2081)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Overhead Projector	2	Jun 00	Onboard
Trainee Guide: C-600-9363B	8	Jun 00	Onboard
Transparencies (Set of 95)	1 Set	Jun 00	Onboard
Lesson Plan	2	Jun 00	Onboard
Tests	8	Jun 00	Onboard

**CIN, COURSE TITLE:** C-646-3363, AH-1W Armament Repair Organizational Maintenance (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Computer-Aided Instruction (7 Topics)	6	Feb 01	Onboard
Overhead Projector	6	Feb 01	Onboard
Television Monitor	2	Feb 01	Onboard
Trainee Guide: C-646-3363	6	Feb 01	Onboard
Video Player	4	Feb 01	Onboard
Lesson Plan	2	Feb 01	Onboard
Tests	6	Feb 01	Onboard

**CIN, COURSE TITLE:** C-646-3364, AH-1W Turret/M197/M89/20MM Feed Systems Organizational Maintenance (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	
Computer-Based Training (5 Topics)	6	Feb 01	Onboard
Overhead Projector	6	Feb 01	Onboard
Television Monitor	2	Feb 01	Onboard
Trainee Guide: C-646-3364	6	Feb 01	Onboard
Video Player	2	Feb 01	Onboard
Video Tape: AH-1W Turret	1	Feb 01	Onboard
Video Tape: Federal Hazardous Communication Program	1	Feb 01	Onboard
Video Tape: VX-5-001, Curse of the Attack Cobra	1	Feb 01	Onboard
Video Tape: VX-5-002, Ordnance Delivery	1	Feb 01	Onboard
Lesson Plan	2	Feb 01	Onboard
Tests	6	Feb 01	Onboard

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-646-3342, H-1 Conventional Weapons Loading (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Computer-Aided Instruction (8 Topics)	1	Feb 01	Onboard
Overhead Projector	2	Feb 01	Onboard
Lesson Plan	2	Feb 01	Onboard
Tests	6	Feb 01	Onboard
Screen Projector	2	Feb 01	Onboard
Television Monitor	2	Feb 01	Onboard
Trainee Guide: C-646-3342	6	Feb 01	Onboard
Video Player	2	Feb 01	Onboard
Video Tape: Decoy Flares	1	Feb 01	Onboard
Video Tape: Depleted Uranium Safety	1	Feb 01	Onboard
Video Tape: Loading and Downloading AIM-9 Sidewinder	1	Feb 01	Onboard
Video Tape: Loading and Downloading HELLFIRE Missile System	1	Feb 01	Onboard
Video Tape: Release and Control Checks HELLFIRE Missile System	1	Feb 01	Onboard
Video Tape: VX-5-001, Curse of the Attack Cobra	1	Feb 01	Onboard
Video Tape: VX-5-002, Ordnance Delivery	1	Feb 01	Onboard

**CIN, COURSE TITLE:** C-601-3137, T-400 Series Engine First Degree Intermediate Maintenance (Track M-601-3027)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Lesson Plan	2	Feb 97	Onboard
Overhead Projector	1	Feb 97	Onboard
Trainee Guide: C-601-3137A	6	Feb 97	Onboard
Transparencies (Set of 5)	1 Set	Feb 97	Onboard
Tests	6	Feb 97	Onboard

**CIN, COURSE TITLE:** C-602-3358, H-1 Electrical Systems Intermediate Maintenance (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Lesson Plan	2	Apr 94	Onboard
Overhead Projector	1	Apr 94	Onboard
Student Guide Section I and IV: CNTT-N2491D	6	Apr 94	Onboard
Student Guide Section II and III: CNTT-N2494C	6	Apr 94	Onboard
Transparencies (Set of 17)	1 Set	Apr 94	Onboard
Tests	6	Apr 94	Onboard

#### **IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**CIN, COURSE TITLE:** C-646-3346, AH-1 Navy Armament and Control Delivery System (NARCADS) Intermediate Maintenance  
(Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Lesson Plan	2	Dec 95	Onboard
Overhead Projector	1	Dec 95	Onboard
Transparencies (Set of 36)	1 Set	Dec 95	Onboard
Student Guide	6	Dec 95	Onboard
Tests	6	Dec 95	Onboard

**CIN, COURSE TITLE:** C-646-3362, AH-1W A/A49E-7(V) Turret System Intermediate Maintenance (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Lesson Plan	2	Oct 95	Onboard
Overhead Projector	1	Oct 95	Onboard
Trainee Guide: NAMTG-N4534	8	Oct 95	Onboard
Wall Charts (Set of 9)	1 Set	Oct 95	Onboard
Tests	8	Oct 95	Onboard

**CIN, COURSE TITLE:** C-600-3177, Aircraft Nickel-Cadmium Battery Maintenance and Repair (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 48107

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY</b>	<b>DATE</b>	<b>STATUS</b>
	<b>REQD</b>	<b>REQD</b>	<b>STATUS</b>
Lesson Plan	8	May 96	Onboard
Overhead Projector	1	May 96	Onboard
Student Guide Section II and III: CNTT-N2122C	6	May 96	Onboard
Transparencies (Set of 58)	1 Set	May 96	Onboard
Tests	6	May 96	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-102-9354, H-1 Communication, Navigation, Identification, and Related Systems Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-110HCE-2-12 HH-1N/UH-1N Maintenance Instructions, Avionics Systems	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-2-13 HH-1N/UH-1N Maintenance Instructions, Wiring Diagrams	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-2-9 HH-1N/UH-1N Maintenance Instructions, Electronic Countermeasures	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-4-1 HH-1N/UH-1N Illustrated Parts Breakdown Numerical Index and Reference Designation	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-4-12 HH-1N/UH-1N Illustrated Parts Breakdown, Avionics Systems	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-4-9 HH-1N/UH-1N Illustrated Parts Breakdown, Electronic Countermeasure Systems	Hard copy	6	Jun 97	Onboard
NA 01-110HCE-6-3 UH-1N Helicopter, Daily/Servicing/Special/Conditional/Preservation/ASPA Maintenance Requirement Cards	Hard copy	1	Jun 97	Onboard
NA 01-H1AAC-2-14.1 AH-1W Organizational Maintenance, Principles of Operation, Avionics Equipment	Hard copy	6	Jun 97	Onboard
NA 01-H1AAC-2-14.2 AH-1W Organizational Maintenance, Testing and Troubleshooting, Avionics Equipment	Hard copy	6	Jun 97	Onboard
NA 01-H1AAC-2-14.3 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Avionics Equipment	Hard copy	6	Jun 97	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Jun 97	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-602-9360, H-1 Electrical and Stability Control Augmentation System Organizational Maintenance  
 (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-110HC-8 H-1 Aircraft (Non Attack), Work Unit Code Manual	Hard copy	1	May 00	Onboard
NA 01-110HCE-1 UH-1N Helicopter, NATOPS Flight Manual	Hard copy	6	May 00	Onboard
NA 01-110HCE-2-10 HH-1N/UH-1N Maintenance Instructions, Instrument Systems	Hard copy	6	May 00	Onboard
NA 01-110HCE-2-11 HH-1N/UH-1N Maintenance Instructions, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-110HCE-2-12 HH-1N/UH-1N Maintenance Instructions, Avionics Systems	Hard copy	6	May 00	Onboard
NA 01-110HCE-2-13 HH-1N/UH-1N Maintenance Instructions, Wiring Diagrams	Hard copy	6	May 00	Onboard
NA 01-110HCE-4-1 HH-1N/UH-1N Illustrated Parts Breakdown Numerical Index and Reference Designation	Hard copy	6	May 00	Onboard
NA 01-110HCE-4-10 HH-1N/UH-1N Illustrated Parts Breakdown, Instrument Systems	Hard copy	6	May 00	Onboard
NA 01-110HCE-4-11 HH-1N/UH-1N Illustrated Parts Breakdown, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-110HCE-4-12 HH-1N/UH-1N Illustrated Parts Breakdown, Avionics Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-10.1 AH-1W Organizational Maintenance, Principles of Operation, Instrument Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-10.2 AH-1W Organizational Maintenance, Testing and Troubleshooting, Instrument Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-10.3 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Instrument Systems	Hard copy	6	May 00	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 01-H1AAC-2-11.1 AH-1W Organizational Maintenance, Principles of Operation, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-11.2.1 AH-1W Organizational Maintenance, Testing and Troubleshooting, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-11.2.2 AH-1W Organizational Maintenance, Testing and Troubleshooting, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-11.2.3 AH-1W Organizational Maintenance, Testing and Troubleshooting, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-11.3 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Electrical Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-13 AH-1W Organizational Maintenance, Testing and Troubleshooting, with Illustrated Parts Breakdown, Stability Control Augmentation System	Hard copy	6	May 00	Onboard
NA 01-H1AAC-2-3.1 AH-1W Organizational Maintenance, Principles of Operation, Power Plants and Related Systems	Hard copy	6	May 00	Onboard
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	1	May 00	Onboard

**CIN, COURSE TITLE:** C-198-9351, AH-1W Tow Hellfire Control and Display System Integrated Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	1	Jan 95	Onboard
NA 01-H1AAC-2-12.1 AH-1W Organizational Maintenance Manual, Principles of Operation, Armament Systems	Hard copy	6	Jan 95	Onboard
NA 01-H1AAC-2-12.2 AH-1W Organizational Maintenance Manual, Testing and Troubleshooting, Armament Systems	Hard copy	6	Jan 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 01-H1AAC-2-12.3 AH-1W Organizational Maintenance Manual, Maintenance Procedures, Armament Systems	Hard copy	6	Jan 95	Onboard
NA 01-H1AAC-2-12.4 AH-1W Organizational Maintenance Manual, Illustrated Parts Breakdown, Armament Systems	Hard copy	6	Jan 95	Onboard
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	1	Jan 95	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Jan 95	Onboard

**CIN, COURSE TITLE:** C-602-3357, H-1 Wire Bundle Repair Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
DMC386 Electrical Connector Maintenance/Repair Kit, Instructions and Tool Selection Chart	Hard copy	10	Sep 86	Onboard
NA 01-110HCE-2 Maintenance Instructions, Utility Helicopter UH-1N	Hard copy	10	Sep 86	Onboard
NA 01-110HCE-4 Illustrated Parts Breakdown, Utility Helicopter UH-1N	Hard copy	10	Sep 86	Onboard
NA 01-1A-505 Installation Practices, Aircraft Electric and Electronic Wiring	Hard copy	10	Sep 86	Onboard
NA 01-F14AAA-2-5-2 Organizational Maintenance, Triaxial Connectors 30231-5, 30231-46, 30240-4, and 30240-40	Hard copy	10	Sep 86	Onboard
NA 01-H1AAB-2-15 Organizational Maintenance, Electrical Systems, AH-1T (TOW) Helicopter	Hard copy	10	Sep 86	Onboard
NA 01-H1AAB-4 Illustrated Parts Breakdown, AH-1T (TOW) Helicopter	Hard copy	10	Sep 86	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	10	Sep 86	Onboard
RAYCHEM Military Aircraft, Wiring and Harness Manual	Hard copy	10	Sep 86	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

**CIN, COURSE TITLE:** C-104-3351, AH-1W Night Targeting System (NTS) and UH-1N Navigational Thermal Imaging Systems (NTIS) Organizational Maintenance (Track M-102-2024)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-110HCE-2-13 HH-1N/UH-1N Maintenance Instructions, Wiring Diagrams	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-2-12.1 AH-1W Organizational Maintenance Manual, Principles of Operation, Armament Systems	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-2-12.2 AH-1W Organizational Maintenance Manual, Testing and Troubleshooting, Armament Systems	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-2-12.3 AH-1W Organizational Maintenance Manual, Maintenance Procedures, Armament Systems	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-2-12.4 AH-1W Organizational Maintenance Manual, Illustrated Parts Breakdown, Armament Systems	Hard copy	10	Dec 01	Onboard
NA 01-H1AAC-6-3 AH-1W Helicopter, Maintenance Requirements Cards	Hard copy	10	Dec 01	Onboard

**CIN, COURSE TITLE:** C-601-9351, AH-1W Power Trains, Rotors and Related Systems Organizational Maintenance (Track M-601-2014)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-1 AH-1W Organizational Maintenance, General Information	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-3.1 AH-1W Organizational Maintenance, Principles of Operation, Power Plants and Related Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-3.2 AH-1W Organizational Maintenance, Testing and Troubleshooting, Power Plants and Related Systems	Hard copy	8	Apr 99	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

NA 01-H1AAC-2-3.3 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Testing and Troubleshooting, Power Plants and Related Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-4 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Drive Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-5 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Flight Control Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-6 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Main Rotor and Control Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-7 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Tail Rotor System	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-8 AH-1W Organizational Maintenance, Hydraulic Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-2-9 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Utility Systems	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-6-1 AH-1W Helicopter, Turnaround Checklist	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-6-2 AH-1W Helicopter, Daily Maintenance Requirement Cards	Hard copy	8	Apr 99	Onboard
NA 01-H1AAC-6-3 AH-1W Helicopter, Maintenance Requirements Cards	Hard copy	8	Apr 99	Onboard
NA 01-H1ACC-75-18 AH-1W Helicopter, Auxiliary Fuel Tank Checklist	Hard copy	8	Apr 99	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Apr 99	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-601-9352, H-1 Combined Maintenance (Track M-601-2014)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 00-25-100 Naval Air Systems Command Technical Manual Program	Hard copy	8	Apr 98	Onboard
NA 01-110HC-8 H-1 Aircraft (Non Attack), Work Unit Code Manual	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-1 UH-1N Helicopter, NATOPS Flight Manual	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-1 HH-1N/UH-1N Maintenance Instructions, General Information and Conditional Inspections	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-2 HH-1N/UH-1N Maintenance Instructions, Airframe and Landing Gear Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-3 HH-1N/UH-1N Maintenance Instructions, Power Plant and Related Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-3.1 HH-1N/UH-1N Maintenance Instructions, Power Plant Ground Operational and Conditioning Manual	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-4 HH-1N/UH-1N Maintenance Instructions, Power Train System	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-5 HH-1N/UH-1N Maintenance Instructions, Flight Controls and Hydraulic Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-6 HH-1N/UH-1N Maintenance Instructions, Main and Tail Rotor Group	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-2-7 HH-1N/UH-1N Maintenance Instructions, Utility Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-1 HH-1N/UH-1N Illustrated Parts Breakdown Numerical Index and Reference Designation	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-2 HH-1N/UH-1N Illustrated Parts Breakdown, Airframe and Landing Gear Systems	Hard copy	8	Apr 98	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

NA 01-110HCE-4-3 HH-1N/UH-1N Illustrated Parts Breakdown, Power Plants and Related Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-4 HH-1N/UH-1N Illustrated Parts Breakdown, Power Train System	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-5 HH-1N/UH-1N Illustrated Parts Breakdown, Flight Controls and Hydraulic Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-6 HH-1N/UH-1N Illustrated Parts Breakdown, Main and Tail Rotor Groups	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-4-7 HH-1N/UH-1N Illustrated Parts Breakdown, Utility Systems	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-6-1 UH-1N Helicopter, Turnaround Checklist	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-6-2 UH-1N Helicopter, Daily Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-6-3 UH-1N Helicopter, Daily/Servicing/Special/Conditional/Preservation/ASPA Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-110HCE-6-4 UH-1N Helicopter, Phase Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-1A-8 Structural Hardware Manual	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-1 AH-1W Organizational Maintenance, General Information	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-16 AH-1W Conditional Inspection Requirements	Hard copy	1	Apr 98	Onboard
NA 01-H1AAC-2-2 AH-1W Organizational Maintenance, Airframe and Landing	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-3.1 AH-1W Organizational Maintenance, Principles of Operation, Power Plants and Related Systems	Hard copy	8	Apr 98	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

NA 01-H1AAC-2-3.2 AH-1W Organizational Maintenance, Testing and Troubleshooting, Power Plants and Related Systems	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-3.3 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Testing and Troubleshooting, Power Plants and Related Systems	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-4 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Drive Systems	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-5 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Flight Control Systems	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-6 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Main Rotor and Control Systems	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-7 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Tail Rotor System	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-2-9 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Utility Systems	Hard copy	1	Apr 98	Onboard
NA 01-H1AAC-6-1 AH-1W Helicopter, Turnaround Checklist	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-6-2 AH-1W Helicopter, Daily Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-6-3 AH-1W Helicopter, Special/Conditional/Preservation/ASPA Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-6-4 AH-1W Helicopter, Phase Maintenance Requirement Cards	Hard copy	8	Apr 98	Onboard
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	8	Apr 98	Onboard
NA 02B-20AA-4 Illustrated Parts Breakdown, Twin Power Section Turbo Shaft, Engine Model T400-CP-400, Model T400-CP-401, Model T400-WV-402	Hard copy	1	Apr 98	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 02B-20AA-6-1 Intermediate Maintenance Twin Power Section Turbo Shaft, Engine Model T400-CP-400, Model T400-CP-401, Model T400-WV-402	Hard copy	1	Apr 98	Onboard
NA 17-1H1-1 Aircraft Tool Control Manual, Navy and Marine Corps	Hard copy	1	Apr 98	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Apr 98	Onboard

**CIN, COURSE TITLE:** C-600-9363, H-1 Airframes Systems Organizational Maintenance (Track M-602-2081)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-110HC-8 H-1 Aircraft (Non Attack), Work Unit Code Manual	Hard copy	1	Jun 00	Onboard
NA 01-110HCE-1 UH-1N Helicopter, NATOPS Flight Manual	Hard copy	1	Jun 00	Onboard
NA 01-110HCE-2-1 HH-1N/UH-1N Maintenance Instructions, General Information and Conditional Inspections	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-2-2 HH-1N/UH-1N Maintenance Instructions, Airframe and Landing Gear Systems	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-2-5 HH-1N/UH-1N Maintenance Instructions, Flight Controls and Hydraulic Systems	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-3 UH-1N Helicopter, Structural Repair Manual	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-4-1 HH-1N/UH-1N Illustrated Parts Breakdown, Numerical Index and Reference Designation	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-4-2 HH-1N/UH-1N Illustrated Parts Breakdown, Airframe and Landing Gear Systems	Hard copy	8	Jun 00	Onboard
NA 01-110HCE-4-5 HH-1N/UH-1N Illustrated Parts Breakdown, Flight Controls and Hydraulic Systems	Hard copy	8	Jun 00	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

NA 01-1A-1 General Manual for Structural Repair	Hard copy	8	Jun 00	Onboard
NA 01-1A-17 Aviation Hydraulics Manual	Hard copy	8	Jun 00	Onboard
NA 01-1A-509 Aircraft Weapons Systems Cleaning and Corrosion	Hard copy	8	Jun 00	Onboard
NA 01-1A-8 Structural Hardware Manual	Hard copy	8	Jun 00	Onboard
NA 01-1A-9 Aerospace Metals, General Data and Usage Factors	Hard copy	1	Jun 00	Onboard
NA 01-H1AAC-1 AH-1W Aircraft, NATOPS Flight Manual	Hard copy	1	Jun 00	Onboard
NA 01-H1AAC-2-1 AH-1W Organizational Maintenance, General Information	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-2-13 AH-1W Organizational Maintenance, Testing and Troubleshooting, with Illustrated Parts Breakdown, Stability Control Augmentation System	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-2-2 AH-1W Organizational Maintenance, Airframe and Landing	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-2-5 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Flight Control Systems	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-2-8 AH-1W Organizational Maintenance, Hydraulic Systems	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-2-9 AH-1W Organizational Maintenance with Illustrated Parts Breakdown, Utility Systems	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-3 AH-1W Organizational Maintenance Manual, Structural Repair	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-3.1 AH-1W Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Structural Repair	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-3.2 AH-1W Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Structural Repair	Hard copy	8	Jun 00	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 01-H1AAC-3.3 AH-1W Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Structural Repair	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-4 AH-1W Helicopter, Numerical Index of Part Numbers and Reference Designations	Hard copy	8	Jun 00	Onboard
NA 01-H1AAC-6-4 AH-1W Helicopter, Phase Maintenance Requirement Cards	Hard copy	1	Jun 00	Onboard
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	1	Jun 00	Onboard
NA 02B-20AA-6-4 Complete Engine Repair Maintenance Requirement Cards T400-CP-400 and T400-WV-402	Hard copy	10	Jun 00	Onboard
NA 15-01-500 Preservation of Naval Aircraft, Organizational, Intermediate, and Depot Maintenance	Hard copy	8	Jun 00	Onboard
NA 17-15E-52 Hydraulic Fluid Contamination Analysis Kit	Hard copy	1	Jun 00	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Jun 00	Onboard

**CIN, COURSE TITLE:** C-646-3363, AH-1W Armament Repair Organizational Maintenance (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-H1AAC-2-12.1 AH-1W Organizational Maintenance Manual, Principles of Operation, Armament Systems	Hard copy	6	Feb 01	Onboard
NA 01-H1AAC-2-12.2 AH-1W Organizational Maintenance Manual, Testing and Troubleshooting, Armament Systems	Hard copy	6	Feb 01	Onboard
NA 01-H1AAC-2-12.3 AH-1W Organizational Maintenance Manual, Maintenance Procedures, Armament Systems	Hard copy	6	Feb 01	Onboard
NA 01-H1AAC-2-12.4 AH-1W Organizational Maintenance Manual, Illustrated Parts Breakdown, Armament Systems	Hard copy	6	Feb 01	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 01-H1AAC-6-3 AH-1W Helicopter, Special/Conditional/Preservation/ASPA Maintenance Requirement Cards	Hard copy	1	Feb 01	Onboard
NA 01-H1AAC-75 AH-1W Helicopter, Technical Manual, Airborne Weapons/Stores Loading Manual	Hard copy	6	Feb 95	Onboard
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	1	Feb 01	Onboard
<b>CIN, COURSE TITLE:</b>	C-646-3364, AH-1W Turret/M197/M89/20MM Feed Systems Organizational Maintenance (Track M-646-2044)			
<b>TRAINING ACTIVITY:</b>	NAMTRA MARUNIT			
<b>LOCATION, UIC :</b>	MCAS Camp Pendleton, 48107			
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
MSDS 6050.5-L Material Safety Data Sheet, Lubricating Oil, MIL-L-46150	Hard copy	1	Feb 01	Onboard
MSDS 6050.5-L Material Safety Data Sheet, Grease Aircraft and Instrument, MIL-G-23827	Hard copy	1	Feb 01	Onboard
MSDS 6050.5-L Material Safety Data Sheet, Lubricating Oil, VV-L-800	Hard copy	1	Feb 01	Onboard
MSDS 6050.5-L Material Safety Data Sheet, Hydraulic Fluid, MIL-H-83262C	Hard copy	1	Feb 01	Onboard
NA 01-H1AAC-2-12.1 AH-1W Organizational Maintenance Manual, Principles of Operation, Armament Systems	Hard copy	1	Feb 01	Onboard
NA 01-H1AAC-2-12.3 AH-1W Organizational Maintenance Manual, Maintenance Procedures, Armament Systems	Hard copy	1	Feb 01	Onboard
NA 11-1-105 Technical Manual, Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, 20MM Barrel Erosion Gage Kit M10 (T23)	Hard copy	1	Feb 01	Onboard
NA 11-45BB-8 Technical Manual, Illustrated Parts Breakdown, 20MM Point Suppressive Fire System A/A49E-7(V1), A/A49E-7(V3), A/A49E-2, A/A49E-7(V4)	Hard copy	6	Feb 01	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 11-95M197-1 Technical Manual, Organizational and Depot Maintenance Instructions with Illustrated Parts Breakdown, M197 20MM Automatic Gun	Hard copy	6	Feb 01	Onboard
NA 11-95M89-1 Technical Manual, Organizational Maintenance Instructions with Illustrated Parts Breakdown, M89 and M89E1 Declutching	Hard copy	6	Feb 01	Onboard
NAVSUPPUB 2002 Naval Logistics Library	Hard copy	1	Feb 01	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	6	Feb 01	Onboard
OPNAVINST 8000.16 Naval Ordnance Maintenance Management Program	Hard copy	6	Feb 01	Onboard

**CIN, COURSE TITLE:** C-646-3342, H-1 Conventional Weapons Loading (Track M-646-2044)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
Marine Corps Order 8023.3 Qualification and Certification Program for Class V Munitions and Explosive Devices	Hard copy	1	Feb 01	Onboard
NA 01-110HCE-75 UH-1N Helicopter, Technical Manual, Airborne Weapons/Stores Loading Manual	Hard copy	6	Feb 01	Onboard
NA 01-H1AAC-11 Checklist, Organizational, Gun Jam Clearing, GTK-4/A49E-7(V) 20MM Turret System	Hard copy	6	Feb 01	Onboard
NA 01-H1AAC-75 AH-1W Helicopter, Technical Manual, Airborne Weapons/Stores Loading Manual	Hard copy	6	Feb 01	Onboard
NA 11-70DA-1 Technical Manual, Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, UH-1N Defensive Armament Subsystem A/A49E-11	Hard copy	6	Feb 01	Onboard
NA 16-30ALE39-1 Technical Manual, Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Countermeasures Dispensing System AN/ALE-39	Hard copy	1	Feb 01	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-601-3137, T-400 Series Engine First Degree Intermediate Maintenance (Track M-601-3027)  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 02-1-8 Work Unit Code Manual, Turbojet, Turbofan, Turboshaft and Reciprocating Engines	Hard copy	1	Feb 97	Onboard
NA 02B-20AA-4 Illustrated Parts Breakdown, Twin Power Section Turbo Shaft, Engine Model T400-CP-400, Model T400-CP-401, Model T400-WV-402	Hard copy	6	Feb 97	Onboard
NA 02B-20AA-6-1 Intermediate Maintenance Twin Power Section Turbo Shaft, Engine Model T400-CP-400, Model T400-CP-401, Model T400-WV-402	Hard copy	6	Feb 97	Onboard
NA 02B-20AA-6-3 Basic Engine Maintenance Requirement Cards T400-CP-400 and T400-WV-402	Hard copy	1	Feb 97	Onboard
NA 02B-20AA-6-4 Complete Engine Repair Maintenance Requirement Cards T400-CP-400 and T400-WV-402	Hard copy	6	Feb 97	Onboard
NA 02B-20AA-6-5 Sequence Control Chart T400-CP-400 and T400-WV-402	Hard copy	1	Feb 97	Onboard

**CIN, COURSE TITLE:** C-602-3358, H-1 Electrical Systems Intermediate Maintenance (Track M-602-5811)  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 03-30VB-3 Technical Manual, Maintenance and Overhaul Instructions with Illustrated Parts Breakdown, Bleed Air Valve	Hard copy	6	Apr 94	Onboard
NA 03-5-366 Technical Manual, Maintenance and Overhaul Instructions, RPM Limit Detector	Hard copy	6	Apr 94	Onboard
NA 03-5GB-30 Technical Manual, Overhaul Instructions with Illustrated Parts Breakdown, Master Caution Panel	Hard copy	6	Apr 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

NA 03-75BA-19 Hard copy 6 Apr 94 Onboard  
 Technical Manual, Overhaul Instructions with Illustrated Parts  
 Breakdown, Actuator, Linear, Travel Limit, SYLC 50114

NA 03-90A-1 Hard copy 6 Apr 94 Onboard  
 Technical Manual, Maintenance Instructions with Illustrated Parts  
 Breakdown, Internal Rescue Hoist

NA 05-35NAA-1 Hard copy 6 Apr 94 Onboard  
 Technical Manual, Intermediate and Depot Maintenance,  
 Gyroscope Reference Navigational Compass Set AN/ASN-75

**CIN, COURSE TITLE:** C-646-3346, AH-1 Navy Armament and Control Delivery System (NARCADS) Intermediate Maintenance (Track M-602-5811)

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 03-5CXA-5 Technical Manual, Intermediate Maintenance with Illustrated Parts Breakdown, Jettison Panel	Hard copy	6	Dec 95	Onboard
NA 03-5CXA-6 Technical Manual, Intermediate Maintenance with Illustrated Parts Breakdown, Stores Control Panel	Hard copy	6	Dec 95	Onboard
NA 03-5GB-45 Technical Manual, Intermediate Maintenance with Illustrated Parts Breakdown, Light, Landing, Controllable	Hard copy	6	Apr 94	Onboard
NA 03-95E-35 Technical Manual, Intermediate Maintenance with Illustrated Parts Breakdown, Wing Rocket Delivery Unit	Hard copy	6	Dec 95	Onboard
NA 17-15FA-14 Technical Manual, Operation and Maintenance Instructions with Illustrated Parts Breakdown, Armament Control System Test Set	Hard copy	1	Dec 95	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Dec 95	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-646-3362, AH-1W A/A49E-7(V) Turret System Intermediate Maintenance (Track M-602-5811)  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-H1AAC-WUC-800 AH-1W Aircraft, Work Unit Code Manual	Hard copy	1	Oct 95	Onboard
NA 11-45BB-9 Technical Manual, Operation and Maintenance with Illustrated Parts Breakdown, 20MM Point and Suppressive Fire System A/A49E-7(V)	Hard copy	8	Oct 95	Onboard
NA 17-15FA-11 Technical Manual, Operation and Maintenance with Illustrated Parts Breakdown, Intermediate Level, Test Controls	Hard copy	8	Oct 95	Onboard
OPNAVINST 4790.2 Series Naval Aviation Maintenance Program	Hard copy	1	Oct 95	Onboard

**CIN, COURSE TITLE:** C-600-3177, Aircraft Nickel-Cadmium Battery Maintenance and Repair (Track M-602-5811)  
**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC :** MCAS Camp Pendleton, 48107

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
DoD 4160.21M Defense Reutilization and Marketing Manual	Hard copy	1	May 96	Onboard
MSDS-BCFPK Material Safety Data Sheet, Epoxy Coating, TT-C-535	Hard copy	1	May 96	Onboard
MSDS-BDSCV Material Safety Data Sheet, Adhesive, Rubber to Steel, MMM-A-121	Hard copy	1	May 96	Onboard
MSDS-BFDNR Material Safety Data Sheet, Potassium Hydroxide Electrolyte, MIL-P-11751	Hard copy	1	May 96	Onboard
MSDS-BFURP Material Safety Data Sheet, Corrosion Preventative Compound, D5015	Hard copy	1	May 96	Onboard
MSDS-BFYJS Material Safety Data Sheet, Cleaning Compound, MIL-C-18718	Hard copy	1	May 96	Onboard
MSDS-BFZTM Material Safety Data Sheet, Acid, Acetic, O-C-275	Hard copy	1	May 96	Onboard

#### **IV.B.3. TECHNICAL MANUALS**

MSDS-BKHSN Material Safety Data Sheet, Adhesive, Epoxy, MIL-A-8623	Hard copy	1	May 96	Onboard
MSDS-BOQMV Material Safety Data Sheet, Acid, Boric, A73-500	Hard copy	1	May 96	Onboard
MSDS-BPYCT Material Safety Data Sheet, White Petrolatum, Vaseline	Hard copy	1	May 96	Onboard
MSDS-BTCKY Material Safety Data Sheet, Distilled Water, O-C-265	Hard copy	1	May 96	Onboard
NA 17-15BAD-1 Operation and Maintenance Instructions with Illustrated Parts Breakdown, Naval Aircraft Batteries	Hard copy	6	May 96	Onboard
NA 19-1-114 NBC1/NBC1A Alkaline Battery Charger/Analyzer	Hard copy	6	May 96	Onboard
NA 19-600-136-6-1 Preoperational Maintenance Requirements, NBC1/NBC1A Alkaline Battery Charger/Analyzer	Hard copy	6	May 96	Onboard
NA 19-600-136-6-2 Periodic Maintenance Requirements, NBC1/NBC1A Alkaline Battery Charger/Analyzer	Hard copy	6	May 96	Onboard
NAVFAC DM-28.4 General Maintenance Facilities	Hard copy	6	May 96	Onboard



## PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Awarded AH-1W Production Contract	Apr 84	Complete
TSA	Conducted AH-1W Initial Training	Feb 85	Complete
PDA	Achieved AH-1W Initial Operating Capability	FY85	Complete
TSA	Approved AH-1W Aircraft NTSP	Apr 86	Complete
PDA	Delivered AH-1W Aircraft to Fleet	Jun 86	Complete
TSA	Began AH-1W Aircraft Follow-On Training	Apr 89	Complete
PDA	Achieved AH-1W Material Support Date	FY92	Complete
TSA	Conducted AH-1W Aircraft NTS Initial Training	Jun 93	Complete
PDA	Installed COBRA 1.1 Software, COMM/NAV Upgrade	FY02	Complete
PDA	Upgraded Night Targeting System	FY02	Complete
PDA	Modified Infrared Lights and Beacon Ring	FY02	Complete
PDA	Began Incorporation of AFC-345, Improved Crew Restraint	Jan 03	Complete
TSA	Developed AH-1W Draft NTSP	Mar 03	Complete
PDA	Complete Incorporation of AFC-230, EW Suite	Jun 03	Pending
PDA	Complete Incorporation of AFC-345, Improved Crew Restraint	Dec 03	Pending



#### PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
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No decisions or actions required			
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## PART VII - POINTS OF CONTACT

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